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Spring Catalog

1926



STATE NURSERY
AND SEED CO.
HELENA—MONTANA

ESTABLISHED 1890

PARTIAL VIEW OF THE NURSERY—(See Page 1)

W. N. Thompson



TRITOMA

PERENNIAL PHLOX

ASTERS

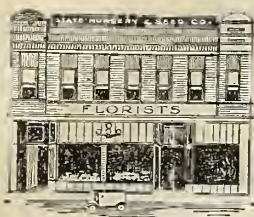
SALPIGLOSSIS

PRES. AND GENERAL MANAGER
T. E. MILLS

VICE PRESIDENT
W. E. MILLS

MANAGER SEED DEPT.
WALTER CARD, SECY. TREAS.

CASHIER
JOSIAH BOWDEN

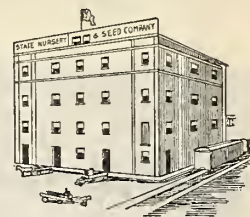


CITY STORE AND OFFICES
FULLER AVENUE

STATE NURSERY AND SEED CO. HELENA, MONTANA

NURSERYMEN, SEEDSMEN, FLORISTS
MANUFACTURERS OF DAIRY AND POULTRY FEEDS

NURSERIES
AT CAR LINE TERMINAL



SEED HOUSE AND CLEANING
MILL

Helena, Montana, Jan. 1, 1926

Greetings to our Friends and Patrons:

The year 1925 proved to be a banner year for most sections of Montana, and with the early snows and an excess of precipitation likely, we have confidence that 1926 is going to be even a better one.

With the opening of the New Year, our thirty-sixth year in business, we go forward fully expecting to give service, satisfaction, and a square deal in every transaction whether for a large or a small amount.

We realize to the fullest that unless the Rancher, Farmer, and Gardener flourish we suffer... Our trial grounds situated at an elevation of 4400 feet, prove that we are back of the men on the land; that our goods being tested under conditions similar to those under which they are laboring are therefore the best suited to their requirements.

Our Frontispiece is a partial view of these grounds and is the work of R. E. DeCamp, a local artist whose reputation extends far beyond the limits of the state.

We are featuring this year Federation Wheat, the Bliss and Early Ohio Potatoes and Peerless Hardy Montana and Registered Grimm Alfalfa, in the belief that in them we have three money makers for the Farmer. We cannot too forcibly call your attention to our stocks of Peerless Hardy Montana and Registered Grimm Alfalfa seed which is of high germination and with a practically perfect purity test. We can truthfully claim that no better seed is grown and with the past year, a good one for ripening and harvesting of the crop, we feel we can confidently offer extra fine quality stock.

Our greenhouses, having a quarter of a million square feet of glass, are devoted exclusively to the growing of plants and cut flowers, and annually are visited by thousands of flower enthusiasts from all over the world.

In our extensive grounds we have vast stretches of Hardy and Half Hardy Perennials, comprising Phlox, Peonies, Iris, Dahlias, etc., all of which have proven exceptionally well suited to our climatic conditions.

Our Field and Garden Seed trade has grown by leaps and bounds, and to turn out a product that will mean continued support from our customers we have installed up-to-the-minute machinery for cleaning and re-cleaning our stock. We also manufacture Dairy and Poultry feeds which we consider second to none on the market, and the great increase in the demand proves conclusively that we are filling the bill.

The general offices and city store of the State Nursery and Seed Company are located on Fuller Ave., where our retail seeds, bulbs, cut flowers, poultry supplies, tools, and all mail orders are handled. Customers may feel at liberty at all times to ask for advice on any subject pertaining to the various branches of our business, and our qualified force will do their utmost to give them the benefit of their experience. We do not confine our business to the Northwest but ship to the four corners of the globe.

During the time we have been in business we have specialized in stock especially suited to our climatic conditions, hence we are in a position to recommend desirable plants, trees, shrubs, etc., and furnish cost estimates. We invite all interested in the beautification of their grounds or general city improvement to consult our experienced staff who are always at their service.

We believe in this great Northwest with its wonderful resources, its possibilities and opportunities, and we feel that if experience counts for anything we can again solicit a continuance of your support.

Respectfully, STATE NURSERY AND SEED CO.

The State Nursery & Seed Company wish to thank their customers for their patronage and good will which has helped them to build such an institution which they believe is a credit to the whole Northwest. With their 36 years of experience they feel they are in a position to render inestimable service to both the farmer and gardener and they sincerely hope all will feel free to write them on any subject pertaining to the various branches of their business.

SPRING 1926---THIRTY-SIXTH YEAR

This Issue Cancels all Previous Issues

Suggestions to our Customers in Ordering from this Catalog

HOW TO SHIP—Write your name, postoffice, state and express office and railroad company plainly preferably with ink on every order, and also when you write us concerning it. Give plain express, mail or freight directions; where none are given, we route goods at buyer's risk.

USE ORDER SHEET—The use of the order sheets enclosed in this catalog are a great help to us in filling and shipping orders. Instructions for use are on the sheets. More will be sent on receipt of a postal asking for same. Flower and Vegetable Seed Orders should plainly state quantity before the name of the variety. Plant orders should give quantity, variety and price. Do not write letters on order sheet.



A VIEW AT THE NURSERY

KEEP A COPY OF YOUR ORDER and mark off goods as received. Sometimes items may be sold out or will follow later, in which case a slip is enclosed with other goods, or notice sent.

ORDERS ARE PROMPTLY FILLED and as far as practicable, in rotation. All orders not shipped on day of receipt are acknowledged by a postcard giving the number of the order on our files. If you do not hear from an order sent us within a reasonable time, send us a duplicate of it giving date of order amount of same, form of remittance, and your full name and address. If you will, in case of what appears to you to be an unreasonable delay, give us these items of information in your letter regarding the order, it will aid us greatly and save valuable time in the rush season in tracing the order.

ALWAYS, IF POSSIBLE, when writing in reference to an order, give the number of the order referred to.

MISTAKES—These will happen in spite of all care. Write us at once with a copy of original order if possible, and errors will be promptly rectified. We do not want you to "keep quiet" if anything is not received as ordered but please be **SURE TO COMPARE WITH A COPY OF YOUR ORDER**. We frequently find on looking up the original order that the items complained of as "missing" were never ordered.

OUR TERMS—Personal Checks, Drafts, Postoffice or Express Money Orders can be sent in payment of orders, or stamps for small amounts. If there is no Railroad Agent at your station, freight or express charges should be included.

IMPORTANT—Please notice that the prices given in this catalog **DO NOT** include express, freight or postage, unless especially so stated.

PARCELS POST—Most plants can be sent by parcel post, also the smaller trees and shrubs. Wherever possible we have given postpaid prices. We cannot, however, be held responsible after delivery to the postoffice or express company. If plants are desired sent by parcel post in pots, extra cost must be allowed by purchaser for packing and postage.

IN COMMON WITH ALL AMERICAN SEED HOUSES, WE DO NOT WARRANT, in any way, expressed or implied, the contents or the description, quantity, productiveness or any other matter of any seeds, bulbs, plants, shrubs or trees sold by us, and will not in any way be responsible for the crop. If the purchaser does not accept these goods on above terms, no sale is made thereof, and he must return them at once, and money will be returned. Subject to above conditions, we sell at the moderate prices herein quoted.

STATE NURSERY AND SEED CO., Incorporated
Helena, Montana

CATALOGS ISSUED

JANUARY—Our complete general catalog, covering everything for the Farm and Garden—profusely illustrated. (This one.)

EASTER—A special Flower and Plant List, of Plants and Cut Flowers for Easter decorations and remembrances to friends.

MOTHER'S DAY—The second Sunday in May. A special list of Cut Flowers—issued about May 1st.

DECORATION DAY—A special list of Cut Flowers—Wreaths—Plants, etc., for this National Memorial day.

FALL—SEPTEMBER—A catalog of Dutch, French and other bulbs, for fall planting and winter plants for the house.

THANKSGIVING DAY—A special list of Cut Flowers, Plants, etc., for this great national holiday.

CHRISTMAS—A special list of Plants, Cut Flowers, Evergreens, suitable for Xmas decorations, and remembrances of the joyful occasion to your friends.

A postcard will bring you any of these in its season.

TO DEALERS—Special wholesale price lists are issued from time to time as market changes require. Dealers who do not receive these lists will confer a favor by notifying us **ON THEIR BUSINESS LETTER HEAD**—on receipt of which we will place their address on our mailing lists.

PLANT DEPARTMENT

The plants offered in the following pages are the best it is possible to produce for Montana and adjoining territory. Every care is taken to ship out only plants in the best of condition and carefully packed for shipment. Both our growing sections and our packing sheds are in charge of experts in their several lines, and our customers and friends may rest assured that the very best obtainable will be sent forward. The sizes named in plants—such as 3 inch—4 inch, etc.—refer to the size of the pot from which the plant referred to is taken. Visitors are always welcomed at the nursery and greenhouses, where courteous attendants will gladly show them the enormous ranges of glass—some 250,000 square feet in 55 greenhouses—where the largest collection of plants in the northwest are grown and cared for.

ABUTILON (Flowering Maple)

A very desirable free-flowering plant for house culture. Succeeds under usual care and always presents a fresh appearance.



Abutilon

Splendens—A handsome rose color.

Pink Beauty—Pale pink

Savitzii—A variegated foliage.

Golden Fleece—Pure yellow.

Crusader—A Brilliant Red.

Each,
3-inch, 20c; 4-inch
25c; 5-inch, 35c.

Each (Postpaid),
3-inch, 25c; 4-inch,
35c; 5-inch, 45c.

AGERATUM

Frazeri—A late introduction and most desirable dwarf border bedding plant with large clusters of beautiful blue flowers.

Each, 15c; doz., \$1.50; postpaid, each 20c; doz., \$1.75.

ALOYSIA (LIPPIA) CITRIODORA

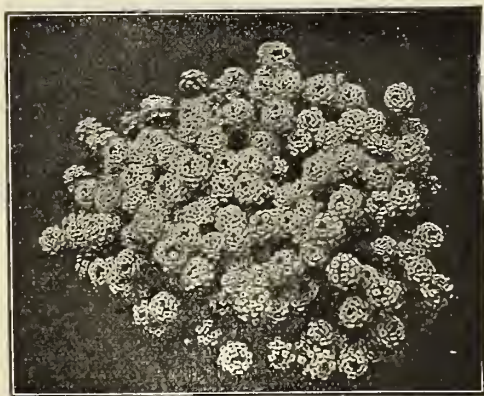
Lemon Verbena—An old favorite and should be in every garden. Lemon scented foliage.

Each 20c and 30c, postpaid, 30c and 40c.

ALYSSUM (Ready about May 1st)

Little Dorritt—A single Sweet Alyssum, of great value for borders and small beds.

Each10c; doz., \$1.00
Each (Postpaid)15c; doz., \$1.15



Sweet Alyssum

Alyssum, Double—An excellent variety for borders, window boxes, and urns.

Each10c; doz., \$1.00
Each (Postpaid)15c; doz., \$1.15

Unless otherwise directed we will ship all plants for outside planting at what we think the proper time to set out.

AMARANTHUS (Molten Fire)

This New Amaranthus is an annual—with bronzy crimson foliage until August, when the color changes to a shade which is found only in an electric furnace. A really gorgeous annual.

Each 20c; Postpaid 25c; per doz., \$2.00; Postpaid \$2.25.



ANTIRRHINUM—SNAPDRAGON (Latest Introductions)

A most desirable and satisfactory plant for the garden, a very free bloomer and excellent for cutting.

Pink Beauty and White Rock—Two of the finest varieties in cultivation.

Diamond—Dwarf bushy nature, deep pink.

Daphne—An excellent light pink.

Rose Queen—Brilliant rose pink, a beauty.

Melrose—A decided salmon pink, strong grower.

Canary Bird—A beautiful shade of lemon yellow.

Fire Brand—A delightful blossom of fiery orange scarlet.

White Chief—An excellent white.

Philadelphia—A robust grower, one of the finest deep pinks.

Hybrid Pink—One of the best pink varieties in cultivation.

Yellow Prince—A fine strong grower of splendid habit.

Pot Plants, each20c; doz., \$2.00

Pot Plants, (Postpaid) each25c; doz., \$2.25

Seedlings, transplanted from boxes (mixed) dozen 50c, postpaid, dozen 60c.

AMARYLLIS—(Hybrids)

These plants produce blossoms which are wonderfully varied and of brilliant colorings. There is a growing demand for the new types and their easy culture is aiding their popularity.

Strong bulbs or plants, each\$1.00; postpaid \$1.25

ANTHURIUM ANDREANUM

One of the choicest and most easily cultivated exotic plants grown. Its very peculiar flowers never fail to attract attention. Each from \$3.50 and upwards.

ASPIDISTRA

Aspidistra Lurida—One of the most useful decorative plants grown for home decoration, with green foliage. Almost absolutely proof against drouth and dust. Each \$1.00; postpaid \$1.25.

Aspidistra Lurida Variegata—Similar to the preceding variety but with beautifully striped leaves of white and green. Each \$1.00; postpaid, \$1.25.

**ASPARAGUS PLUMOSUS**

Asparagus Plumosus (Asparagus Fern)—Owing to its graceful foliage and ease of culture, this is perhaps more in demand than any other house plant. We grow these in thousands. The smaller plants listed are the right size for Table Dishes, while the larger are suitable for Jardinieres, etc.

Each from 3 in. pots 25c, postpaid 30c; 4 in. pots 50c, postpaid 60c; 5 in. pots \$1.00, postpaid \$1.25.

**Asparagus Sprengeri****ASPARAGUS SPRENGERI**

Of great value for hanging baskets and for cuttings. Of very easy culture requiring good soil and free watering. Each from 3 inch pots 25c, postpaid 30c; from 4 inch pots 50c, postpaid 60c; from 5 inch pots \$1.00, postpaid \$1.25.

ASTERS

Our strains of Asters are unsurpassed by any, and are prize-winners whenever exhibited. Sturdy plants of the early mid-season and late branching varieties. Colors: Pink, Shell-pink, Red, White, Lavender and Purple. Ready May 10. Doz., 50c; Postpaid 60c.

BROWALLIA GRANDIFLORA (Blue)

A very fine and rapid growing plant for hanging baskets and porch boxes. Very free flowering. From 3 in. pots 25c, postpaid 30c; from 4 in. pots 40c; postpaid 50c.

NOTE—Postpaid prices—where quoted—cover not only actual postage, but the cost of packing, etc., ready for shipment. These prices cannot be deviated from on mail (parcel post) shipments.

**BEGONIA—REX****BEGONIAS**

Begonias are one of the best known and most popular house plants today. With their magnificent range of colors both in bloom and foliage and many of them of the most floriferous nature even under adverse conditions, it is little wonder that they are in such great demand. Our collection embraces the best varieties known to the trade.

SEMPERVIRENS TYPE (The Newest Introduction)

Schmidts Ideal—The most perfect semperflorens Begonia, with large scarlet flowers, dwarf habit.

Fire Sea—An exceedingly floriferous variety, with very large dark fiery red flowers, almost covering the plant. The foliage is of a reddish green tint. Of sturdy bushy habit.

Chatelaine Hybrids—Very similar to the well known Chatelaine, with very large flowers of a brilliant rose color.

Queen of the Groups—A very large flowered variety—flowers often reaching nearly two inches across, of a glowing dark rose color. Foliage a bright deep green tinted with a brownish red. A robust grower.

Albert Martin—A well known variety with bronze foliage.

Wuerttembergia—A very large flowered variety of a glowing carmine red color, often reaching two inches in diameter. A strong grower and a splendid pot plant.

GRACILLIS TYPE

Pink Profusion—A new introduction with slender growth, and small foliage of a light green tinted with brown. Flowers of medium size, borne in wonderful profusion, a single stem often bearing twenty-five blooms and buds, of a rich rose color.

Frima Donna—Another variety of late introduction, very free flowering, with rose colored blooms, shading to a carmine at the centre.

Luminosa—Brilliant dark scarlet, a constant flowering variety.

Mignon—Flowers Scarlet, flushed with salmon, very lasting. Plant of a robust growth.

NEW TYPE BEGONIA

Lucerne—One of the finest begonias known. Foliage bronze, crimson reversed. Has immense trusses of salmon colored blossoms.

Erfordii—A well known type, almost always in bloom, easily grown, with glossy green foliage. In white or pink.

Wellingtoniensis—An old variety, which is again becoming in great demand, with beautiful dark green foliage, and pink flowers. A continuous bloomer, of very bushy habit of growth.

Sandersonii—Scarlet, a winter bloomer.

Argenta Guttata—Brilliant bronze green foliage spotted with white and white flowers.

Thurstonii—A great favorite with red veined foliage on under side of leaves. Flowers a bright shell pink.

Metallica—Velvety foliage, rosy white bloom.

Rubra—Deep coral pink flowers, foliage green.

Any of the above varieties, each 25c, 35c and 50c.

Postpaid, 30c, 40c and 60c.

Rex or Painted Leaf Begonias

The REX or Painted Leaf Begonias, as they are known, are some of the handsomest and most showy house plants that can be grown. Their wonderfully colored foliage never fails to awaken admiration, and they are of easy house culture. The varieties listed below are selected from the finest sorts known.

Bertha McGregor—Finely cut foliage, deep green leaves with bold silver zone around edge, deep red reversed.

Clementine—Similar to Bertha McGregor, taller grower with smaller leaves and showing less silver.

Vesandii—Very showy variety, thick velvety foliage, beautifully marked with bright green and silver with crimson stems.

Kaiser Wilhelm—Deep velvety green leaf with darker edge.

Mrs. A. G. Shepard—Silver leaves marked with other pretty shades.

Walter Lamb—Rich green and silvery white.

Louis Closson—A beautiful bronze.

Each, 35c, 50c Postpaid 45c, 60c

CANNAS



Bed of Cannas

These wonderful plants, while semi-tropical both in effect and nature, can nevertheless be grown in most sections of the Northwest. Do not attempt to get their beauty by planting the roots in the open ground. Secure started plants in good growth from the greenhouse, and plant when safe from frost, thus gaining additional time for their growth. Give them plenty of well rotted manure and water, with a sunny exposure and they will make the best semi-tropical showing of any summer plant for these states. Take them up immediately frost cuts back the tops and treat same as Dahlias.

The President—A rich scarlet flower with green foliage. One of the best reds yet introduced.

Duke of Marlborough—3 feet, green foliage, flowers a bright crimson maroon.

King Humbert—The best of the bronze leaved type—with scarlet flowers and beautiful rich bronze foliage.

Madam Crozy—One and a half to two feet, with scarlet and yellow flowers and green foliage. One of the very best dwarf types.

Yellow King Humbert—3 feet, flowers a golden yellow spotted with red and green foliage.

Hungaria—Flowers large and waxy. La France Pink.

City of Portland—A large full petaled salmon peach pink. Very floriferous.

PRICE—Any of the above varieties each 30c, postpaid 40c; per doz. \$3.00; doz. postpaid \$3.50.



COLEUS—Kmas Gem

Christmas Gem—A beautiful variety with red and maroon colored foliage and producing enormous leaves, often 5 to 7 inches in length. It attains its full beauty in winter—thus differing from other varieties.

Trailing Queen—A beautiful trailing variety, highly colored and very suitable variety for hanging baskets.

PRICE—Each 20c and 50c; postpaid each 25c and 60c.

Fancy Varieties—Collection of 6 varieties in beautiful shades of crimson, velvety maroon and yellow.

Collections of 6, 75c; postpaid90c

CARNATIONS



The Carnation stands today the peer among cut flowers. In recent years many additions have been made to the cut flower family but the Carnation is still the most popular.

We devote an entire range of glass, having benches five feet wide and when placed end to end extend a distance of nearly two miles, requiring 55,000 plants to fill the beds. This alone will give some idea of the great demand for these flowers. The appended list comprises the cream of these fragrant flowers. The young plants can only be supplied from March to July 15th.

New and Standard Varieties

Morning Glow—Very beautiful shell pink with well shaped flowers, borne on good strong stems. A beauty. Each 30c, postpaid 35c.

Gypsy—Very brilliant red, free bloomer and strong grower. Each 25c, postpaid 30c.

Benora—A handsome variegated variety, white, irregularly streaked with red. Each 20c, postpaid 25c.

Laddie—A variety of extreme size, 3½ to 4½ inches in diameter, color, a beautifully warm salmon pink with long, strong stems. The Carnation "De Luxe". Each 35c, postpaid 40c.

The following varieties:

Each 20c; Postpaid 25c; Doz. \$2.00; Postpaid \$2.25.

Harvester—An ideal white, very floriferous and of excellent substance.

Whatcheer—An excellent cut flower variety of recent introduction, color, a deep pink. A great favorite.

Maine Sunshine—An excellent yellow of rich deep lemon, producing well-shaped flowers of large dimension. A very unusual shade of carnation.

Matchless—A large pure white long stemmed and free blooming. The petals are attractively fringed and the perfume delightful.

Beacon—An outstanding scarlet carnation. One of the very best.

Belle Washburn—A red of extreme brilliance.

Peerless Pink—A very deep pink, flowers large and well shaped. Free bloomer.

Mrs. C. W. Ward—A very attractive deep pink of fine size and form. Free bloomer and strongly scented.

Super Supreme—A light salmon pink that holds its color well, flowers large on strong stems. Not liable to split.

Mrs. C. W. Ward—(Variegated)—Another variegated variety, attractively blotched and striped with a deep pink on white ground.

Betty Jane—A very fragrant pink of superb quality borne on long strong stems. Very popular.

Superb—One of the very best salmon pinks. Very large and free flowering.

Chrysanthemums

Owing to the early frosts of this section, it is impractical to grow these most beautiful of all fall plants to maturity in the open ground. But they can be successfully grown in the garden until September, when they should be lifted and potted. Then in the house, they will give a wealth of bloom and beauty that will more than repay for the slight trouble entailed.

LARGE FLOWERING VARIETIES

Betsy Ross—A grand, early mid-season white, one of the finest yet introduced.
Wm. Turner—Snow white, of enormous size. One of the largest whites known.
Yellow Wm. Turner—Identical in form and size with White Turner, except in color, which is a bright yellow.
Pink Turner—Identical with the old favorite White Turner excepting in color, a clear bright pink.
Thanksgiving Pink—A late introduction, November flowering, of a deep shade of lavender pink.



Type of Large Flowering Varieties

Tiger—A yellow of unusually fine color. This variety was named by President Wilson.
Oconto—A beautiful white.
Comoletta—A well known early commercial yellow.
Chieftain—A large incurved pink. A handsome flower.
Golden Glow—A pretty golden shade, flowers from six to eight inches across. October.
Chadwick—Christmas flowering; white tinged with pink.
Golden Chadwick—Lovely Golden yellow; Christmas flowering.
Maj. Bonnaffon—A beautiful incurved glossy yellow. One of the best.
White Chieftain—Large incurved white. November.
Chrysolora—A large incurved, yellow; strong and robust.
Chas. Rager—A fine large white, splendid stem and foliage.
Pattie—A very delicate pleasing shade of pink.
Siedewitz—Another favorite with the commercial grower; large pink.

ANEMONE

The Anemones are quite distinct and very useful when cut in sprays for floral decoration. They are extravagant bloomers with flowers clustered, averaging 3 to 3½ in. across.
Godfrey's Perfection—White. A beauty in every respect.

POMPON CHRYSANTHEMUM

The flowers vary in size from ½ inch to 2 inches in diameter, small petaled, very compact and formal. They are usually in clusters so that when cut, one spray forms a bouquet in itself. Very dainty for table decoration. Pompons make ideal house plants. Colors, Pink, White, Yellow, Bronze and Henna.
New York—Yellow tinge, with a decided henna center.
Flora—One of the finest henna shades.
Sunshine—A beautiful yellow of dwarf habit. New.
Elva—Choicest white pompon.
Acto—Bright rose.
Mrs. Frank Beu—The favorite of all the Pompons, Color a red-dish yellow.
Lillian Doty—Large Pink, a splendid sort.
Trisker—A late introduction, flowering in October and November, rich yellow.
Kathleen Thompson—Crimson.
Source d'Orr—Orange, shaded gold.
Butler's Caprice—Rosy pink.

White Cap—Pure white.
Yellow Cap—Pure yellow.
Lizzie Adcock—Deep yellow.



Single Chrysanthemums

FANCY SINGLE VARIETIES

These fill a unique position in that they come between the larger standard varieties and the pompons.
Emile—A soft rose pink and lasts well.
Mensa—Purest white; a splendid variety.
Golden Mensa—New and proving popular.
W. Buckingham—A grand vigorous pink.
Anna Belle—Beautiful cerise shade.
Bronze—A good and strong grower. Very beautiful shades.
 Prices for Chrysanthemums—Plants ready March to July only:
 Each, 15c; doz., \$1.50; each postpaid, 20c; doz. \$1.65.

CINERARIA



Cineraria Hybrida Grandiflora—(New)—A magnificent new strain of this beautiful plant—in rich colorings, and of stately habit. Blooming plants from December to March, each 50c and 75c. Postpaid 75c and \$1.00.



A View in one of our Cyclamen Houses

CRAB CACTUS (Epiphyllum)
Zygocactus Truncatus

This favorite flowering Cactus is again claiming a great deal of attention, and we are able to offer our customers a splendid lot of plants. It is most easily grown, is a profuse bloomer, with long truncated pink flowers. It is generally in flower about Christmas—hence its common name in some sections of "Christmas Cactus." Each from 3 inch pots 25c, postpaid 35c.

CUPHEA IGNEA (Platycentra)
(Cigar Plant)

This plant is covered with bright scarlet flowers and makes a very attractive house plant. They are especially useful for vases or basket decorations.

Each20c; doz., \$2.00
Each (Postpaid)25c; doz., \$2.25

CYPERUS ALTERNIFOLIUS (Umbrella Palm)

An unusually fine plant for decorative purposes of extremely easy culture. Requires plenty of water and may be grown as a semi-aquatic. A splendid plant for aquariums.

Each25c and 50c
Postpaid30c and 60c

CYCLAMEN

The accompanying cut presents a view of a portion of one of our Cyclamen houses. We cannot stress too highly the qualities of these plants, which without exception are the most satisfactory winter blooming plants grown. Being of clean growth and of easy culture, they are gradually forging ahead as the best house plants on the market. We can supply these plants in bloom from November 1st to March 1st, and in color ranging from pure white, to white tipped with pink, through the shades of pinks, to the reds. These plants with mottled leaves and bright colors lend themselves admirably for most occasions. For years we have paid special attention to this class of plant only selecting for seed purposes, the very finest and most free flowering specimens as worthy of producing our seed. Prices: \$1.00, postpaid \$1.25; \$2.00, postpaid \$2.35; \$3.00, postpaid \$3.25. Any of the larger sizes are better shipped by express wherever possible. If desired sent by parcel post IN POTS add 50c each to above prices to cover actual cost of extra packing and postage required. Dormant bulbs of these plants may be obtained from March to July 1st at 25c each, postpaid 30c.



Cyperus—Umbrella Palm

DAHLIAS

Dahlias are now looked upon as the garden beautifiers for late summer and fall. There are a great number of more or less distinct varieties embracing practically all the shades of color. Altho our fields and experimental grounds cover several acres we are listing only those best suited to our Northwestern conditions and which have proven satisfactory.

Because of their rapid and bushy growth all Dahlias are ideal for hedges, but we wish to emphasize that for beauty, gracefulness and volume of blossoms none can surpass the beautiful single varieties, the two best in our estimation being Glowing Gem (crimson) and St. George (clear yellow).

With the object of encouraging the more general use of these beautiful flowers we wish to call our patrons' attention to our prices for special collections which will be found at the end of Dahlia section.



S.M.C.C.

Partial View of our Dahlia Field

DAHLIAS

The following list of these wonderful garden flowers comprises the finest selections that are to be procured. Many of them are the latest introductions by the expert specialists on this favorite flower.



A Bouquet of Dahlias—Mina Burgle

In supplying these plants—we are in many cases unable to supply bulbs of some varieties, especially in the newer varieties. In this case, we reserve the right to send young plants—from 4 inch pots. These will always be sent later in the season than the dormant bulbs. These young plants are preferred by many experts on Dahlias to bulbs.

For years we have specialized in Dahlias, especially those well suited to our condition and we are gradually adding other tested varieties. Our fields and trial grounds are a source of wonder and delight to hundreds of visitors each summer and fall, where the masses of color create a gorgeous display and rarely fail to make the visitors permanent Dahlia enthusiasts.

CULTURE

Plant in a well drained position and where they will receive the greatest amount of sunshine. They require plenty of fertilizer added to the soil before planting. Well decayed manure is very satisfactory as a fertilizer. Do not set out plant until all danger of frost is over. This should be specially noted in the case of potted plants. Dahlias should be lifted immediately after the first killing frost and stored in a cool place over winter.



Dahlia—Elsie Burgess—(Decorative Type)

DAHLIAS—Special

Five Leaders of Merit

Attraction (Hybrid Cactus)—Entirely distinct. Immense, formal flowers with broad petals coming abruptly to a point, color a beautiful lilac-mauve. Stems are very heavy, and the flowers held rigidly upright. Although of delicate color, this is one of the most striking varieties we grow; popular with both men and women.

King of Commerce (Decorative)—Firm, substantial, perfect form, medium size, free-blooming, early and outlasting; a practical and popular cut flower variety. Yellow, evenly tanned; with a red swarthy center. A rich tango and a favorite for lamp-lit bouquets.

Polar Bear (Decorative)—Purest white, the waxy flowers of great size and perfect form, borne very freely on good long stems; long lasting quality, either on the plant or in water. We call this the finest white Dahlia for practical cutting, we have ever offered.

Geisha—The most popular of the Peony type. A real gem in scarlet and gold. One of the best grown for cutting and exhibition.

Margaret E. Millis—An exquisite flower of the Hybrid Cactus type. Wonderful bloomer on good strong stems. Color—Amaranth pink, combined with white in streaked effect.

Each \$1.25, postpaid \$1.35. Set of any 4—\$4.50 postpaid.

Show and Decorative Types

Elsie Burgess—One of the very best. Free flowering, producing great masses of blooms on stiff stems. Color—delicate white tipped with lavender. Each 35c, postpaid 40c.

C. W. Brutton—A large and very fine bright yellow recognized as one of the best yellow Dahlias in cultivation. Decorative type. Each 35c, postpaid 40c.

Le Grand Manitou—A gigantic flower of white, striped and splashed with reddish violet. The largest decorative Dahlia. Each 40c, postpaid 45c.

Dorothy Peacock—Clear, live pink. Each 35c, postpaid 40c.

Jack Rose—The best red of all. Each 35c, postpaid 40c.

Maid of Kent—Cherry red tipped with white. Frequently sports to pure red, often having two varieties on one stem. Each 35c, postpaid 40c.

Lucy Fawcett (Fancy Show)—Large, full, heavy, with well-opened quills. Pale straw color, indefinitely dusted and splashed with tender rose to carmine. Not a new variety, but one of the most persistent of the fancy sorts. Each 35c, postpaid 40c.

Queen of the Yellows—Excellent plain yellow, delightful shape, free bloomer, flowers above foliage. Each 45c, postpaid 50c.

Purple Manitou—A very fine well-shaped flower with good stems and an excellent bloomer. Each 50c, postpaid 55c.

Queen Mary—Soft rose pink with a silvery sheen. One of the best for cut flowers, with long stems. Each 35c, postpaid 40c.

Yellow Duke—A new primrose yellow of large size. Each 50c, postpaid 55c.

Stradella—Rich deep purple crimson. Very free flowering with long stems. Each 35c, postpaid 40c.

Vivian—White, edged with rose-violet, wonderfully effective. One of the largest and finest new varieties yet introduced. Each 50c, postpaid 55c.

Delice—A warm tone of lilaceous pink overlaid on white, the full center shaded a deeper hue and each petal point just nipped with silver. Each 40c, postpaid 45c.

Madonna—An early and free blooming type with good wiry stems, its petals long and gently undulated. White, faintly tinged with mauve. Each 50c, postpaid 55c.

Mina Burgle—Rich, luminous dark scarlet strongly upheld. Unusually free and continuous bloom. Claimed by some cataloguers to be their best red Dahlia. Each 35c, postpaid 40c.

Wilhelm Miller—If larger, would favor the Peony flowered type. Brilliant carmine red, passing to Tyrean rose at tips. Each 35c, postpaid 40c.



Queen Emma—Peony Flowered Type (See Page 9)

A. D. Livoni—Warm rose-pink, perfect flowers, with quilled petals which nearly overlap at the ends. New kinds come and old kinds go, but Livoni can never be spared from a Dahlia list selected for popular cut flowers. Each 40c, postpaid 45c.

PEONY FLOWERED DAHLIAS

This beautiful type has large artistic flowers, best compared to the semi-double peonies in general form. They flower very freely and are borne on long strong stems, making excellent material for cutting and delightfully fragrant.

DAHLIAS—Peony Flowered—Continued.

Mme. Van Bystein—(Hornsveld)—A large rosy lilac changing to light blue. The best Peony-flowered Dahlia on the orchid shades—good cut-flower variety and equally good for garden or exhibition purposes. Each 35c, postpaid 40c.

Mary Houghton—(Duplex)—Petals of cactus peony type, long, narrow and pointed at tips. A delicate mallow purple. Reverse of petals rhodamine-purple. General impression, lavender pink. Each 35c, postpaid 40c.

Phenomena—(Duplex)—Salmon suffused light amber. Cactus shaped florets. Each 35c, postpaid 40c.

Queen Emma—Charming shade of hollyhack pink, the inner petals being banded with gold. Each 35c, postpaid 40c.

Bessie Seabury—White, daintily overlaid with a delicate pink. Each 60c, postpaid 65c.

Ellen E. Kelly—A long stemmed free flowering golden yellow. Each 50c, postpaid 55c.

Latonia—A rich buff yellow. Each 50c, postpaid 55c.

Mrs. Bowen Tufts—A gigantic deep rosy purple, the best purple Peony Dahlia. Each 35c, postpaid 40c.

Salvator—Deep rose pink, of rather dwarf habit with long stems. A high standard novelty. Each 35c, postpaid 40c.

Virginia Marshall—Dainty primrose yellow with long petals. Each 50c, postpaid 55c.

CACTUS DAHLIAS

These are of a lighter formation and much used for cut flowers. The peculiar open formation of the Cactus Dahlias lend themselves wonderfully well to combinations, when used as cut flowers.

Spitfire—A fiery scarlet. Each 35c, postpaid 40c.

Shooting Star—Pure yellow with very fine form. Each 35c, postpaid 40c.

J. H. Jackson—The best Cactus Dahlia yet out; almost black. Each 35c, postpaid 40c.

Thos. Abelin—A brilliant fiery red; a fine, large, refined flower of perfect incurved form; produced in the greatest profusion on long, stiff stems. A fine cut flower. Each 35c, postpaid 40c.

Harbor Light—A cactus Dahlia of rich orange red. Overlaid with flame color. Each 35c, postpaid 40c.



Countess of Lonsdale—A very popular variety. Longest season and freest bloom of any Cactus type; flowers very large, complete and perfect. Color exquisite blending of amber and salmon-pink. Each 45c, postpaid 50c.

Brides Bouquet—A large pure white of beautiful shaped flowers borne on long stems. Each 50c, postpaid 55c.

Sparkler—A Brilliant deep scarlet. Each 35c, postpaid 40c.

Any of the above varieties \$3.50 per doz., postpaid \$4.00 per doz.

S.N.CO.

Attraction—Cactus Type—See Page 8

Bianca—New. A delicate pink lavender, blooms carried erect on strong stems. Each 50c, postpaid 55c.

W. B. Childs—Blackish Maroon with purple shadings. One of the very best. Each 50c, postpaid 55c.

Perle de Lyon—A new pure white exhibition variety of great value, with fringed petals, giving it a most unique appearance. Each 50c, postpaid 55c.



Le Grand Manitou

POM POM DAHLIAS

The Pom Pom Dahlias are small flowered Dahlias, usually of the Show Type of flower, and are exceedingly floriferous. They are generally borne on long strong stems, and are splendid subjects for cut flower purposes, lending themselves admirably to almost any arrangement. Every flower lover who wants cut flowers should have some of these in their garden collection.

Bobby—Plum color. One of the best. Each 50c, postpaid 55c.

Snow Clad—A small pure white of great beauty. Each 40c, postpaid 45c.

Golden Gem—Bright Yellow. Each 35c, postpaid 40c.

Darkness—Deep wine crimson, almost maroon, flowers borne on long graceful stems. Each 40c, postpaid 45c.

SINGLE DAHLIAS

The single form of Dahlias have in the past few years, attracted a great number of admirers, and deservedly so. Their wonderful coloring, oftentimes contrasting gorgeously with their yellow stamens, combined with a very free flowering habit, render them very attractive subjects in any garden.

Glowing Gem—A splendid flower of rich deep crimson. Excellent for hedge purposes. Each 40c, postpaid 45c.

Helvitia—Pure white, each petal edged or bordered with a brilliant rich scarlet red. Each 50c, postpaid 55c.

Imperialiana—Beautiful deep clear pink. A gem among the giant singles. Each 40c, postpaid 45c.

Utovian—Clear purple, the finest of its color yet introduced. Each 40c, postpaid 45c.

Marie Antoinette—Pure white with center of each petal heavily splashed with brilliant velvety crimson. Flowers large and borne on stems from 18 to 24 inches long. Each 40c, postpaid 45c.

S. George—Clear yellow, very free flowering. Another variety suitable for hedge purposes. Each 40c, postpaid 45c.

DAHLIA COLLECTIONS

No. 1—Twelve standard varieties of A 1 quality **OUR SELECTION**. \$2.50 postpaid.

No. 2—Six Dahlias, **OUR SELECTION ONLY**, \$1.50 postpaid.

In both instances these Dahlias are standard varieties but became mixed during digging operations.

DRACENAS



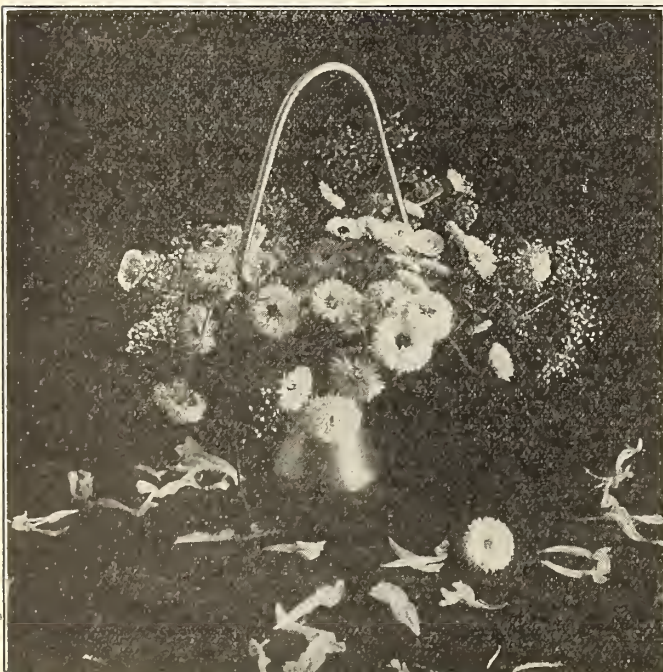
Dracena Indivisia

Dracena—Indivisia—Tropical looking foliage and extensively used in outdoor vases or on porch. Each 25c, 50c, \$1.00, postpaid 35c, 65c, and \$1.25.

Dracena—Wolsley—Large deep bronze and red broad foliage. An ideal house plant, especially for winter decoration. Each \$2.00, postpaid \$2.25.

Dracena—Terminalis—Similar to the above variety with narrower foliage. Each \$2.00, postpaid \$2.25.

BELLIS PERENNIS—English Daisy



Daisies

Like Pansies—the Daisies for beds or borders in the garden or cemetery are very much in demand. Blooming plants in pink or white ready May 1st.

Dozen60c
Dozen (Postpaid)75c

We make a specialty of Decorative Japanese Tubs filled with a combination of suitable plants and vines which aid materially in decorating garden, porch, and walk. Filled to suit your particular taste from \$5.00 to \$7.50. Express extra.

S. N. & S. Co.
Helena, Mont.

Dear Sirs—Will you please send me your catalog as I got seeds of you before and had the best garden I ever had.

Yours respectfully,
Mildred Allen,
Elgy, Mont.

FERNS



Adiantum Cuneatum

Adiantum Cuneatum—The True Maiden Hair Fern. One of the handsomest Ferns in existence, and well known from its great use in bridal bouquets. Each 25c and 50c, postpaid 30c and 60c. Larger plants from 5 in. pots \$1.00, postpaid \$1.25; from 6 in. pots \$1.50, postpaid \$2.00.

Adiantum Hybridum—One of the more recent Maiden Hair Ferns. Much superior to Cuneatum, having larger and finer fronds and a much stronger grower. Each 25c and 50c, postpaid 35c and 60c. Larger plants 85c and \$1.00, postpaid \$1.00 and \$1.15.

Adiantum Concium—One of the strongest and largest of the Maiden Hair family. Splendid habit. Each from 2½ inch pots 25c, postpaid 35c; from 3 inch pots 35c, postpaid 45c.

Aspidium Tussinense—A great favorite for Fern Dishes and one of the best.

Each20c and 35c
Postpaid25c and 45c



Nephrolepis Elegantissima

Nephrolepis Elegantissima (The Tarrytown)—Another fancy Boston and a very valuable addition where fine foliage is desired.

Each25c, 35c, 75c, \$1.50 and \$2.50
Postpaid30c, 45c, 85c, \$1.75 and \$2.75

The \$2.50 size are best shipped by express.

Nephrolepis Whitmani (Ostrich Plume Fern)—Unquestionably a valuable Fern of its type. They are graceful beyond description, feathery, plummy and nothing describes them better than Ostrich Plume. Each 35c, 75c, \$1.50 and \$2.50. Each, postpaid, 40c, 85c, \$1.75 and \$2.75.

Nephrolepis Norwood—A new plumed type, very handsome, of a compact and symmetrical habit of growth. This beautiful fern is destined to become one of the most popular of the plumed forms originating from the well known Boston Fern, and is of easy house culture. A vigorous healthy grower. Each, from 4 inch pots, \$1.00; from 5 inch pots, \$1.50. If desired by parcel post add 25c to above prices.

Nephrolepis Verona (New)—Very similar to N. NORWOOD—with the fronds and pinnae more finely imbricated. A valuable variety for indoor decoration. From 4 inch pots \$1.00 each; from 5 inch pots \$1.50 each. If desired by parcel post add 25c to above prices.

FERNS—Continued.



Boston Fern

Nephrolepis Bostoniensis—(Boston Fern)—This is the general favorite with all lovers of house Ferns. More plants of this have been sold than of any other one variety, and the demand is still increasing. To meet the constant demand for plants suitable for presentation to friends, we have a "SPECIAL" in this type.

Each25c, 35c, 50c, 75c, \$1.00, \$1.50
 Postpaid35c, 45c, 60c, 85c, \$1.20, \$1.75
 SPECIAL for presents, each\$2.50 to \$4.00



Pteris Tremula

Pteris Tremula—Commonly called "Lace Fern." This is one of the best known of the family, and the strongest grower, the fronds on a well developed specimen often attaining a length of three feet, of a brilliant shade of green. Succeeds well everywhere as a house plant. Each from 2½ inch pots 30c; postpaid 40c; from 3 inch pots 40c, postpaid 50c; from 5 inch pots \$1.00, postpaid \$1.25; from 6 inch pots \$1.50, postpaid \$2.00.

Pteris Argyrea—The Pteris are among the easiest grown house ferns, and the wonderful range of variegated foliage and form render them invaluable. Pteris Argyrea is of a dwarf habit with fronds prettily decorated with white. From 4 inch pots each \$1.00; from 5 inch pots each \$1.50. If wanted by parcel post add 25c to above prices.

Pteris Victoriae—This is considered by many to be the handsomest of the Pteris. The fronds are rich deep green. It is a vigorous and healthy grower. Each from 4 inch pots \$1.00; from 5 inch pots \$1.50. If wanted by parcel post add 25c to above prices.

Pteris Hastata—A very unique and pretty variety of this popular fern family. Each from 3 inch pots 35c, postpaid 45c; from 4 inch pots \$1.00, postpaid \$1.25; from 5 inch pots \$1.50, postpaid \$2.00.

Pteris Multiceps—One of the most strikingly variegated forms of the Pteris family. Each from 4 inch pots \$1.00; from 5 inch pots \$1.50. If wanted by parcel post add 25c to above prices.

Pteris Alexandrae—A very handsome variegated Pteris, of dwarf habit. From 2 inch pots 25c; postpaid 30c; from 3 inch pots 35c, postpaid 45c; from 4 inch pots \$1.00, postpaid \$1.25; from 5 inch pots \$1.50, postpaid \$2.00.

Pteris Rivertoniana—A very distinct and valuable type of crested Pteris. From 2 inch pots 25c; postpaid 35c; from 3 inch pots 35c, postpaid 45c; from 4 inch pots \$1.00, postpaid \$1.25; from 5 inch pots \$1.50, postpaid \$2.00.

Pteris Wilsonii—A beautiful variety of dwarf habit, bearing crested fronds. Very compact in growth. From 3 inch pots 35c, postpaid 45c; from 4 inch pots \$1.00, postpaid \$1.25; from 5 inch pots \$1.50, postpaid \$2.00.

Pteris Mayii—A peculiar variegated dwarf type with large pinnae and green foliage. From 3 inch pots 35c, postpaid 45c; from 4 inch pots \$1.00, postpaid \$1.25; from 5 inch pots \$1.50, postpaid \$2.00.

Pteris Wimsettii—A very pretty green foliaged and crested Pteris. From 3 inch pots 35c, postpaid 45c; from 4 inch pots \$1.00, postpaid \$1.25; from 5 inch pots \$1.50, postpaid \$2.00.

Cyrtomium Falcatum—The popular Holly Fern. Very suitable for Fern Dishes and makes a perfect specimen plant. The leaves are thick and a beautiful holly-green color.
 Each20c, 35c, 75c, \$1.50
 Each (Postpaid)25c, 45c, 90c, \$1.75

Cyrtomium Rockfordianum—The Improved Holly Fern. The leaves are pointed and notched, resembling very closely the Holly leaves. A splendid fern for the house.
 Each25c, 35c, 75c and \$1.50
 Each (Postpaid)30c, 45c, 90c and \$1.75

Polypodium Aureum—(Rabbits Foot Fern)—An old favorite, of very easy culture, tall growing and very graceful.
 Each, 50c; postpaid65c
 The larger sizes by express only.....\$1.00 and \$2.00

ASPARGUS FERNS—See Page 4.

Table or Fern Dish Ferns

The following list comprises some of the best varieties known for table or fern dish decoration purposes.

Aspidium Tussimense—A general favorite—and one of the very best. Green foliage.

Pteris Alexandrae—A handsome variegated dwarf Pteris.

Pteris Wilsonii—Another pretty and peculiar formed green foliage Pteris.

Pteris Rivertoniana—One of the most desirable forms of the crested type, with green foliage.

Pteris Mayii—A peculiar dwarf type with large pinnae and green foliage.

Any of the above varieties from 2½ inch pots 25c each, postpaid.

FERN DISHES FILLED

Prices according to size of dish and number of Ferns used. Usually from 75c to \$1.50. We also carry a complete stock of Fern Dishes, each \$1.00, \$3.00 \$5.00, \$7.50. By express only.

HARDY FERNS

We can supply these—Native Ferns—in good plants at 50c, 75c and \$1.00 each. Postpaid. These are splendid plants for a shady place—or nook or rockwork, where they do not receive too much strong sunlight, and are assured of sufficient moisture in the growing season. The plants we offer are gathered from the slopes of the Great Divide of the Rocky Mountains.

FUCHSIAS

A favorite with our grandmothers and a favorite still. With their wonderful combinations of color and free flowering proclivities they are also of very easy culture and may be depended upon to bloom all summer. The following named varieties are the best known to the trade.



Fuchsia—Trailing Queen

Trailing Queen—A handsome trailing type exceedingly floriferous with purple corolla and flesh colored tube and sepals. A most effective plant for hanging baskets and window boxes.
Black Prince—Red, single.
Chas. Blanc—Deep red with rose, single.
Lustre—White and scarlet, single.
Mrs. E. G. Hill—White and red.
Trophee—Double purple corolla, crimson tube and sepals.
Little Beauty—Beautiful red sepals with purple corolla, single.
Lord Byron—Single variety, superb shades of red and deep purple.
Turner—Very red sepals with light purple corolla.
Speciosa—Single, with pink sepals and red corolla.
 Each, 20c, postpaid30c
 Doz. (Postpaid)\$2.75
 Larger Plants,35c and 50c



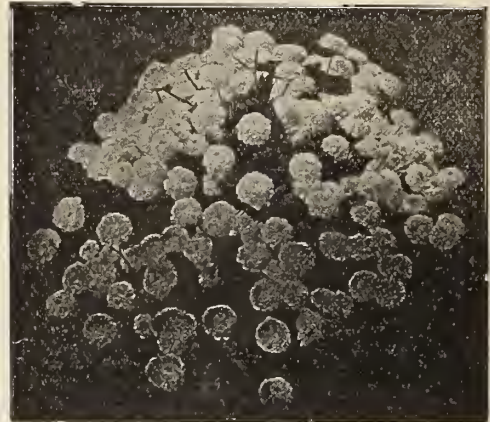
Little Beauty

S. N. & S. Co.
 Gentlemen —
 we have always
 had wonderful
 success with
 your seeds and
 shall always
 recommend
 them. We had
 flowers long
 after others
 were frozen
 last year. The
 plants seem
 hardier than
 those obtained
 from seeds pur-
 chased from
 other places.
 Mrs. T. V.
 Lonam.
 1246 W. Silver.
 Butte, Mont.

S. N. & S. Co.
 Helena, Mont.
 Gentlemen —
 Received
 the strawberry
 plants and they
 were more than
 satisfactory.
 Must say they
 are the nicest
 plants I ever
 saw.
 Yours very
 truly

Thelma Jacobey
 Dubois, Idaho

FEVERFEW



(*Matricaria*)

Another old favorite, blooming continuously through the summer and fall, with double white flowers, very freely produced.
 Each15c; doz., \$1.50
 Postpaid20c; doz., \$1.75



FICUS---Rubber Plant

Elastica (India Rubber Tree)—This is the old reliable thick leaved variety—the substantial house plant, which under the most trying circumstances has served its purpose. Its foliage of a beautiful dark green, shiny appearance, being always handsome and striking. Each 75c and \$1.50.

Repens—Directly opposed in character to the upright growing varieties being really a creeping or trailing vine. It is extremely useful and ornamental for covering stone or wooden conservatory walls which it will do in a short space of time. Each 35c, postpaid 45c.

MYOSOTIS—Forget-Me-Not

Susanne—Of recent introduction. A great improvement on the older varieties, being earlier and a very prolific bloomer.
 Each15c; doz., \$1.50
 Postpaid, each20c; doz., \$1.65



One of Our Many Geranium Houses

GERANIUMS

STANDARD VARIETIES

(Double)

Helena Michell—An introduction of great merit. It is a semi-double, of a clear scarlet color, with very large florets and truss. Foliage a lustrous green, of a bushy compact habit of growth. Very early and free bloomer.

Alphonse Ricard—Light scarlet.

E. H. Trego—Beautiful dazzling scarlet.

Beautie Poitevine—Salmon pink, the best of its color.

La Favorite—White, one of the best.

Louis Madeline—A deep pleasing rose color.

Marquis de Castellaine—Crimson, with immense trusses of bloom.

M. Jules Dispot—Combination of red, violet and lilac, quite dark.

S. A. Nutt—Dark crimson, the best bedder of all. A great demand for this every year.

Jean Viand—Grand pink bedder.

Madonna—Snow white, good bedder.

M. Paul Blondeau—Bright rose, very large flower.

Mrs. R. Gloide—A semi-double—with bright deep pink flowers. The trusses and florets are very large, and very free flowering. A most desirable addition.

SINGLE VARIETIES

Col. Gillan—Bright scarlet maroon, markings very brilliant.

Gen. Wolseley—Rosy scarlet, showy and effective.

Mme. L. Moyot—White center, vermillion border.

Mme. P. Morlan—Rosy salmon, free bloomer.

Michele Savery—Salmon pink, shading to white.

Sentinel—Dark crimson, round flowers.

Scaramouche—Salmon, shading to white at top of petals.

Vera Oulianesk—White, clear, round, perfect flowers.

Yvette Prost—Rosy pink, fine for cutting or window boxes.

Mrs. Kent—This introduction is one of the very finest single varieties that has been introduced in recent years. Its color is a vivid crimson-scarlet, with a white eye, very large single florets and enormous trusses. The single florets have grown for us larger than the ordinary man's watch case. It is of bushy habit and very free flowering.

GERANIUMS

Below we give an extended list of these very popular plants, which are extremely satisfactory both for the house or bedding purposes. From the bedding standpoint we consider them the most ideal for use either as a single plant or for mass planting. Thousands of these plants are used every year for cemetery purposes as they make a good display with a minimum of attention. Owing to their clean growth they are not surpassed for general house use and as they come in such a variety of color it is always possible to have a good display. Our list includes only those varieties which by test have proven to be satisfactory for our climatic conditions.

IVY LEAVED GERANIUMS

This class of Geraniums is rapidly growing in popularity and never fails to please those who desire a really valuable window plant. They are very free bloomers, and lend themselves splendidly to house culture.

James Atfield—Large pink double flowers, very fine.

Pierre Crozy—A single free bloomer of intense scarlet.

Leopard—Lavender pink dotted with crimson.

Souvenir de Chas. Turner—Deep bright pink.

Achievement—Rose with white eye.

La Eleganta—Beautiful variegated foliage.

Wm. Tracy—Double, light pink, a rather short habit of growth, very fine.

VARIEGATED GERANIUMS

Happy Thought—Leaves yellow, center bordered with green. Flowers rose.

Madame Salleroy—Bushy variety, used for borders, goes well with Lobelia. Foliage green and white.

Mountain of Snow—Fine foliage variety, silver edge, flowers red.

Mrs. Pollock—Foliage yellow, green and red variegation. Flowers red.

SCENTED GERANIUMS

Balm—The well known large foliated rose scented geranium.

Lemon—The small foliated old-fashioned Lemon Geranium, very fragrant.

Rose-Scented Geranium—Very popular. Flowers pink.

Prices---Single or Double

Each from 3-in. pots	.....20c; doz., \$2.00
Each from 3-in. pots (postpaid)	.....25c
Doz. from 3-in. pots (postpaid)	.....\$2.50
Each from 4-in. pots	.....30c; doz., \$3.00
Each from 4-in. pots (Postpaid)	.....35c; doz., \$3.50
Each from 5-in. pots	.....50c; doz., \$5.00
Each from 5-in. pots (postpaid)	.....65c; doz., \$5.50
Larger plants	.....75c and \$1.00 each

Extra strong plants of the above varieties—from five and six inch pots, two years old at \$1.00 each. Postpaid \$1.25.

THESE PRICES DO NOT APPLY TO PLANTS PERSONALLY SELECTED AT THE GREENHOUSES.



Ivy Leaved Geranium

Remember that our collection of Geraniums is the largest in the Northwest. We devote several greenhouses to the culture of these plants in their several types, and add new varieties to our list as we find them worthy after trial.



PELARGONIUM—Easter Greeting



Geranium—Mrs. Kent

PELARGONIUMS

(Martha Washington Geraniums)

Easter Greeting—One of the most desirable plants of this class that can be grown. Its flowers, which are borne in great profusion from March until late fall, are a fiery amaranth red, each petal bearing a blotch of deep brown or black and very large, often measuring from two to three inches in diameter. It is of a very compact and bushy habit, and of easy house culture. It is nearly impossible to say too much in recommendation of "Easter Greeting." Wherever a plant is desired for the house that will bloom continuously throughout the summer, no mistake will be made by selecting "Easter Greeting" for the purpose. Our plants are unusually fine and healthy, and cannot fail to please.

Gardners' Joy—Nearly white, with an apple blossom pink at base of flower, the two upper petals blotched with deep brown. Produces one of the largest clusters of bloom of any known variety.

Wolfgang Goethe—Flowers large and slightly crimped, ground color dark red, with five well defined violet black spots. Considered the best dark red variety.

William Hauff—Flowers and clusters very large and strongly crimped. Ground color a purplish pink, with large brownish blotches on the upper petals. A profuse bloomer.

Eastern Star—A light salmon color, with five large reddish brown spots. Has a long period of bloom, and is a dwarf compact grower.

Wurtenbergia—Similar in habit to Easter Greeting, with flowers of a vivid crimson.

Lavender Gem—Another of the Easter Greeting type, with beautiful lavender-pink flowers.

Mons. Herzog—Reddish pink.

Crimson King—Intense crimson, free flowering.

King Oscar—Bluish pink, shaded maroon and red.

Princess May—Very light pink.

W. C. Boyce—A beautiful shade of salmon.

Each	20c, 35c and 50c
Each (Postpaid)	30c, 45c and 60c

Madam Layal—(The Pansy Geranium)—This is another of these plants which were favorites with our grandmothers, and is rapidly coming into another well deserved reign of popularity. Of the most easy house culture and a most profuse bloomer. Each from 3 inch pots 20c, postpaid 30c; 4 inch pots 40c, postpaid 50c; from 5 inch pots 75c, postpaid 85c.

These prices do not apply to plants personally selected at the Greenhouses.

GLADIOLUS

During recent years great strides have been made in the improvement of these summer flowering bulbs. They are not only attractive for their garden show of bloom, but provide generous supplies of cut flowers. These blossoms last longer when cut than most other flowers and develop in water to greater perfection than if left on the plant. The grand spikes of bloom often change in color as they fully open.

CULTURE

To get the very best results they should be planted in a good sandy loam and where they get the most sun possible. Good spreadings of well rotted stable manure is the best fertilizer. Care should be taken in planting, bulbs being set from 4 to 6 inches deep and from 6 to 8 inches apart each way. In the fall, before frost, the bulbs should be lifted, the stems cut off; place the bulbs in a cellar or some place away from the frost until planting time in the spring.



Gladiolus

NOVELTIES

Anna Eberius—An extra fine variety and one that is destined to become very popular; color, dark velvety purple, throat a deeper shade; flowers large, on long spikes. 20c. each; doz. \$2.00, postpaid \$2.15; \$12.50 per 100, postpaid \$12.85.

Baron J. Hulot or Blue King—Large full round flowers, well arranged on long spikes. Color is a deep indigo blue, slightly marked white at the base of the throat. A variety used for contrasting with the yellow sorts. 15c. each; doz. \$1.35, postpaid \$1.50; \$9.00 per 100, postpaid \$9.35.

Louise—The lavender queen among gladiolus. Velvety maroon blotched toward the center. Extra fine. Each 20c. doz. \$2.00, postpaid \$2.15; \$12.50 per 100, postpaid \$12.85.

Pink Perfection—Rose pink, with 8 to 10 flowers open at one time. The large flowers are well expanded and of perfect form. 20c. each; doz. \$2.00, postpaid \$2.15; \$12.50 per 100, postpaid \$12.85.

Le Marechal Foch—One of the most wonderful novelties; flowers of immense size, well opened and beautifully suffled; color, salmon pink, flaked and striped deeper at edges of petals. It is a most unusual and striking flower and is universally admired. 12c. each; doz. \$1.00, postpaid \$1.15; \$6.50 per 100, postpaid \$6.85.

Prince of Wales—Beautiful salmon-orange; flowers large and well placed; an early flowering sort. 15c. each; doz. \$1.25, postpaid \$1.40; \$8.00 per 100, postpaid \$8.35.

Peace—A grand pure white flower with just a slight marking of a lilac feather on the lower petal. The plant is very robust, 5 feet high and shows enormous flowers, well placed all along the stem. 12c. each; doz. \$1.00, postpaid \$1.15; \$6.50 per 100, postpaid \$6.85.

Schwaben—Strong, erect spikes and large, well expanded flowers of a clear canary yellow; a magnificent cut flower, because the flowers all open pretty much at one time. 12c. each; doz. \$1.00, postpaid \$1.15; \$6.50 per 100, postpaid \$6.85.

War—This is undoubtedly one of the largest flowered sorts; deep red, shaded crimson and showing 4 to 6 blooms at one time. A magnificent variety. 12c. each; doz. \$1.15, postpaid \$1.30; \$7.25 per 100, postpaid \$7.60.

America—One of the best Gladiolus in existence. The color is a beautiful flesh pink, tinged with lavender. The flowers are of the largest size, the petals are round, thick and strong, and will last a long time after being cut. A very free bloomer.

Augusta—Produces graceful, slender stems, which are dressed with beautiful flowers of pure white, slightly tinged and striped pink, which open all at one time.

Halley—A variety that is largely grown on account of its earliness. Very large, well expanded flowers of a lovely salmon pink.

Mrs. Francis King—A most beautiful flame pink. Immense flowers on a spike growing 4 feet high, with from 18 to 20 flowers, 6 to 8 being open at one time; a popular variety on account of its attractive color. One of the most exquisitely colored and formed Gladiolus in our list.

75c per doz.
postpaid
85c per doz.

S. N. & S. CO.'S COLLECTION OF GLADIOLUS

The Gladiolus lover who does not grow a good collection or mixture of the hybrids of these flowers, does not get the most out of his Gladiolus. These hybrids produce a wonderful array of different colors—striped—blotched—and an endless array of combinations of color. They are produced from the highest types of the flower known, and are well worth a place in any garden. Mixed per doz. 60c, postpaid 75c—\$4.50 per 100, postpaid \$4.75.



Porch Box at the Residence of Mrs. P. H. Rufenacht
North Benton, Helena

Porch and Window Boxes Hanging Baskets

Hanging Baskets can be sent by express to almost any point with safety, but porch and window boxes do not permit of shipment in this manner. If you will send us the sizes of the boxes you desire to fill, we will take pleasure in promptly mailing you a list of plants suitable for the same and their cost. Always give the exposure—North—East—West or South in writing for list of plants suitable for porch boxes. In making porch boxes, it will be found that a width of 7 inches, and a depth of 8 inches, inside measurements, are sufficient. If the space to be filled is six feet or over in length, it will be found best to make the box in two or more sections, for convenience in handling. Always see that holes are bored in the bottom to allow for the necessary drainage.

HANGING BASKETS



Prices vary with the class and values of the plants with which the baskets are filled. We can assure our customers that our selections and filling, by artists in this line, can not fail to satisfy even the most critical tastes.

Each.....\$2.00, \$2.50, \$3.00, \$3.50, \$4.00 and \$5.00
According to size and quality of plants used.

Hanging porous pottery baskets are rapidly becoming more popular, owing to the fact that they hold moisture much longer, than the moss lined wire baskets, and are much more durable. We can supply these in 8 inch, 10 inch and 12 inch sizes.

Empty, each 8 inch 75c, 10 inch \$1.00, 12 inch \$1.25, express extra.

Wicker Baskets in brown or green filled with beautiful Asparagus Sprengeri. Each \$2.50. Express extra.

HELIOTROPE



Heliotrope

Heliotrope will succeed in or out of doors. Their exquisite perfume makes them a favorite everywhere.

Centifleur—One of the newer forms of medium lavender color, with enormous heads of bloom.

Elizabeth Dennison—A very compact large flowered form almost violet in color.

Florence Nightingale—A lavender colored type, very floriferous.

Each15c, 25c and 50c
Each (Postpaid)20c, 30c and 60c



Hydrangea

These half hardy shrubs are in great demand as house, porch or garden plants, the varieties listed are of the very best and of easy culture. During winter the plants should be kept cool but never permitted to freeze and only sufficient water to prevent the roots from drying up.

Each from 4 inch pots 50c, postpaid 65c; from 6 inch pots \$1.00, postpaid \$1.25.

From April to June we have extra fine specimens in blossom. \$2.50 each and upwards.

French Types—Named, in pink, blue, and white, 4-6 inch.

Each\$1.50—\$2.00
Postpaid\$1.75—\$2.25

HOYA CARNOSA—(Wax Plant)

An old time favorite indoor climber, bearing trusses of flesh colored star shaped, wax-like flowers. Rich green foliage. Each 35c, postpaid 45c.



IMPATIENS SULTANI

A plant that should be in everybody's collection being almost continuously in bloom and of bright red color, which makes it the ideal table or window plant. Each 15c and 25c; postpaid 20c and 35c.

IPOMEA—(Moon Vine)

The well known Moon Climber. Flowers white and fragrant. Each 15c; doz., \$1.50; Each postpaid 20c; doz., \$1.65.

IVY—(Parlor Ivy)

A good vine for the window at all seasons, and in great demand as a vase, basket or window box plant in the summer. Each 10c, postpaid 15c; per doz., \$1.00, postpaid \$1.15.

IVY—ENGLISH—(Hedera Helix)

An invaluable evergreen climber for indoor purposes, a splendid plant for house trellis decoration. Not hardy in Montana. Each 35c and 60c; postpaid 45c and 70c.

LANTANA

One of the most attractive house plants, with a most brilliant range of colors, and extremely floriferous.

Jacob Schultz—Opens yellow and turns to a most intense ox-blood red.

Comtesse de Brencourt—A fine pink.

Delicatissima (Weeping Lantana)—Rosy lavender flowers, very suitable for hanging baskets.

Snowball—Pure white.

Each 15c and 30c; postpaid 20c and 40c. Collection of 4, 50c; postpaid 75c.

LAVENDER

Lavendula Vera—The true old fashioned lavender. Greatly admired for its delicious fragrance. In this section it is not hardy, and must be cared for indoors in winter. Each 20c; postpaid 25c; per doz. \$2.00; postpaid \$2.25.

LEMON VERBENA—(See Aloysia, Page 3)**Lobelia**

The best of all for border plants, being low and covered with a mass of small blossoms. They thrive in almost any garden soil, but should be planted where they get the most moisture.

Double Blue Kathleen Mallard—Large double flowers of an intense blue, very desirable. Each 10c, postpaid 15c; doz. \$1.00, postpaid \$1.15.

Crystal Palace—Deep blue; a splendid bedder. Each 10c, postpaid 15c; doz. \$1.00, postpaid \$1.15.

White Gem—A beauty. A very fitting companion to Crystal Palace.

**Residence of Mr. Henry Rumpf, Helena**

State Nursery & Seed Co.
Helena, Mont.

Gentlemen:—I just wish you could see my Easter Greeting. It is the handsomest plant of its kind that I ever saw. Nearly twenty inches tall and about twenty-six inches across, clothed in rich green, healthy foliage from the ground up and literally covered with bunches of buds which will open before February first. And the catalogues say it blooms in March. This plant has had only ordinary living-room conditions.

Very truly yours,

Mrs. Jas. G. Clark.

**Lawn and Grounds of Mr. Otto Seifert, Poplar**

State Nursery & Seed Co.
Helena, Mont.

May, 1925.

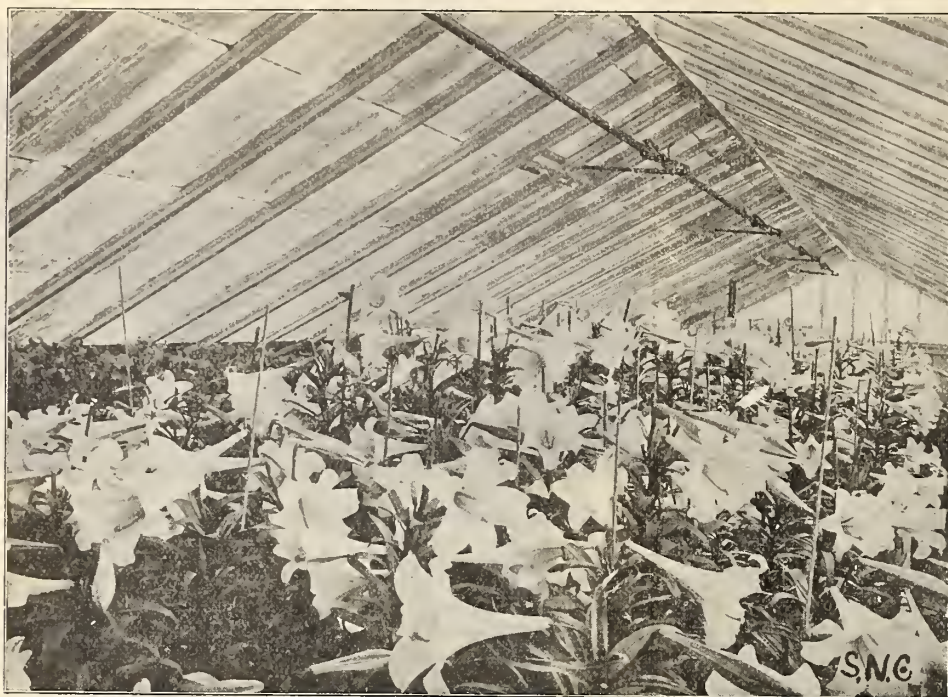
Dear Sirs:—I received the plants and am very proud of them. I received them all in excellent condition and they surely were a thrifty looking bunch.

Yours truly,

Stanley Nichols,
McRae, Mont.



Showing effect of snowfall on the trees at State Capitol, Helena, September 18th, 1925.



A House of Easter Lilies

LILIES

(See Also Hardy Lilies, under Perennials)

Calla Elliottiana—A beautiful member of the Calla family, with dark green foliage spotted with silvery white, and handsome yellow flowers. A splendid house plant of the easiest culture. Each postpaid \$1.00.

Calla Aethiopica—Calla Lily or Lily of the Nile. A well known and justly a favorite window plant. Of very easy culture. Each 50c and \$1.00.

Calla—Little Godfrey—A smaller type of later introduction and with its extremely free flowering habit, has proved wonderfully popular. Each 50c and 75c.

Lilium Giganteum—The well known Easter Lily. Dormant bulbs in season (October and November) 50c each; postpaid 60c.



Lilium Auratum

L. Auratum—The wonderful gold-banded Lily of Japan. Flowers will often, if well grown, measure ten inches in diameter, of a creamy white, spotted with crimson and striped with yellow. Extremely fragrant. Dormant bulbs (November to June). Each 50c, postpaid 60c.

L. Rubrum—Another handsome lily and very largely grown for cut flowers. Of a very desirable pink freely sprinkled with deep crimson spots and markings, and reflexed petals. Dormant bulbs (November to June) each 50c, postpaid 60c.

EASTER LILIES

We grow these beautiful flowers by the thousands for the Easter season, and at that time are prepared to supply them in any quantity for shipment to any part of this section. For church decoration and for individual use no better selection can be made, for they are the stateliest and most aristocratic of pot plants. Orders for these plants will receive special attention, and care in packing and will be shipped by express with your card attached to destination desired. Each \$1.50 to \$4.00. We recommend shipment by express whenever possible.



Marguerite—Mrs. F. Sanders

Mrs. F. Sanders—This variety has taken precedence over all others of its class, it is double, pure white, with long stemmed blooms often measuring five inches in diameter. Grown in enormous quantities for cut flowers, and a splendid keeper when cut. Each 20c, 30c; postpaid 30c, 40c.

Marguerite—Boston Yellow—A magnificent golden yellow Marguerite, with flowers from 3 to 5 inches in diameter. Greatly grown for cut flowers, having long strong stems. Each 15c, 25c, 50c; postpaid 20c, 35c, 60c.

White Marguerite—(Chrysanthemum Frutescens)—This is the well known single Paris Daisy, and the best known of the family. Each 20c, 30c, 50c; postpaid 30c, 40c, 60c.

Mothers' Day Marguerite—A new introduction—so named because of its dependable nature of early flowering—for Mothers' Day—the second Sunday in May. A splendid white Marguerite. Each 50c, postpaid 65c.

MONEYWORT—(Lysimachia Nummularia)

This is a splendid trailing vine, exceedingly well suited for hanging baskets and porch boxes. Its long stems often reach a length of two feet and are closely lined on two sides with small dark green foliage, and it is rarely that they ever lose the foliage near the plant, making it one of the best plants for this

purpose. It is very hardy—a few degrees of frost not injuring it at all, and it will thrive under trees and in places where grass will not grow, making a veritable carpet of green.

Each 20c, postpaid 30c; doz. \$2.00, postpaid \$2.25.

MOON VINE—(See Ipomea, Page 17)

**NASTURTIUMS**

Tall or Climbing Varieties—The ideal summer vine for trellises, verandas or for covering unsightly railings.

Dwarf or Bedding Varieties—Make a splendid showing when massed in beds, their various colors giving an effect incomparable.

Each 10c, doz. \$1.00; postpaid, each 15c, doz. \$1.25.

OLEANDER

A most interesting house plant forming beautiful spikes of flowers in delicate shades of white, pink and red. The Oleander is probably one of the most popular and well known of all house plants. Each 25c and 50c; postpaid 35c and 65c.

ORCHIDS

A view in Our Orchid House

OXALIS

Buttercup (Bermuda)—Yellow, rapid grower and very free bloomer.

Grand Duchess—(Yellow)—An excellent yellow. Good house variety.

Grand Duchess—Pink. A very prolific flowering variety of easy growth. This is possibly found in more homes than any other plant. Flowers freely from one end of the year to the other.

Grand Duchess—Lavender. Another variety well suited to house culture. A beautiful shade. Each 25c, postpaid 35c.

Giant Flowered Pansies

The little "flower faces" have inspired many flower lovers as well as poets. Shakespeare loved the Pansy, and they are great garden friends of all Europeans. During the past few years they have become favorites here also, and now there is scarcely a garden without its bed of Pansies.

We wish to particularly emphasize that we are the most extensive growers of these "favorites" in this section. We specialize only in the finest strains obtainable and our present stock is from the best European and American varieties. All plants sent out are clean, hardy, and of vigorous growth and after May 1st are either in bud or blossom. Do not confuse this stock with cheaper grades on the market, for all our plants come with a ball of earth and when planted out make an immediate showing. Our increasing trade in this branch warrants us in believing we are giving satisfaction.

Mixed, per doz. 75c, postpaid 90c. These can be supplied in separate colors: yellow, blue, white, and henna red.



PETUNIAS



A Vase of Our Double Petunias

The demand for our Double Petunias has kept our growers busy to meet it. The steadily increasing use of porch and window boxes for porch decoration, is calling for the best that can be produced in these free blooming plants, and for that purpose they are absolutely indispensable.

DOUBLE PETUNIAS

Edna—Pink mottled white.

Guy—A beautiful light pink.

Jerome—Purple with white edge.

Snowball—Finely fringed white.

Talma—Clear pink.

Each 25c, 35c, 50c, according to size. Each postpaid, 35c, 45c and 65c.



Single Petunias

Petunias—No bedding plants can make a more pleasing display than Petunias. Their color combinations are bewildering and make a brilliant show. The Single Giant Fringed like the double varieties are indispensable plants for porch boxes and baskets.

Giant Fringed—Mixed colors.

Dieters Pink Glory—One of the handsomest for porch boxes and bedding purposes.

Rosy Morn—A splendid and favorite bedding variety.

Blue Jay—A real Royal Purple of recent introduction. A good companion to Rosy Morn.

Ruffled Monsters—Prized for their exquisite markings and coloring. Greatly improved type equaling the orchid in beauty and coloring.

Each from 3 inch pots 20c, postpaid 30c; per doz. \$2.00, per doz. postpaid \$2.50; from 4 inch pots each 30c, postpaid 40c; per doz. \$3.50; per doz. postpaid \$4.00.

PALMS—(See Palm Department, Page 22)

PHLOX, HARDY — (See Hardy Perennials)

Sanseveria Zeylanica — A splendid house plant of easy culture, one that will withstand dust and dry weather without injury. The tall growing fleshy leaves are very attractive, being alternately barred with green and white, and on a good plant will often attain a height of 30 to 36 inches. A large well grown plant of this one of the finest specimen plants that can be had for porch and stoop ornamentation in the summer months. Commonly called Zebra plant.

Each 50c; postpaid 65c; Larger plants \$1.00, postpaid \$1.25.



Sanseveria Zeylanica—Zebra Plant



Primula Malacoides

Primula Malacoides—This is the Baby Primrose. It bears masses of delicate lavender colored flowers in wild profusion, and deservedly ranks among the best of the fall and winter house plants. Blooming plants each 35c, 50c; postpaid 45c, 60c.

**PRIMULA SINENSIS—Kelways' Prize Strain**

Primula Sinensis—Chinese Primrose—This is a beautiful house plant, and like the preceding variety is a profuse winter bloomer. In colors of red, white and lavender. Good plants in bloom from November to March. From 4 inch pots 50c, postpaid 65c; from 5 inch pots 75c, postpaid 90c.

PUNCIA

Puncia—The False Pomegranate—Very pretty addition to the house plant varieties, being of easy culture and clean growing. Each from 4 inch pots 40c, postpaid 50c; each from 5 inch pots 60c, postpaid 75c.

ROSES—(See Pages 23 to 27).

SALVIA—Scarlet Sage

Salvia—or as it is more commonly called, Scarlet Sage—is without a doubt one of our most valuable summer bedding plants. Give it a sunny location, with well fertilized soil and sufficient water, and a bed of Salvia will well repay the outlay. Of easy culture—and rapid growth, they literally cover themselves with long, erect spikes of most brilliant scarlet flowers, borne well above the deep green foliage. A well grown bed of Salvia is literally a bed of fire. Each 20c, doz. \$2.00, postpaid 30c; doz. \$2.35.

**SAXIFRAGA SARAMENTOSA—(Strawberry Geranium)****Saxifraga Saramentosa**

Aarons Beard—Mother of Thousands—or Strawberry Geranium.

This is a handsome plant of a wonderful trailing habit, with brightly variegated foliage. It is a splendid plant for small hanging baskets, of a real decorative value, that will thrive under most adverse conditions. Each 25c and 50c, postpaid 30c and 60c.

STOCKS

Ten Weeks (Gilliflower)

Stocks—One of the most useful and satisfactory plants that can be sown. Their free blooming habit and their fragrance added to their long keeping qualities when cut and their magnificent range of coloring render them a universal favorite with all flower lovers. In shades of white, yellow, dark blue, lavender, pink, rose and blood red. Per doz. 50c, postpaid 60c.

Tradescantia

(Wandering Jew)

Beautiful trailing vines having thick, waxy, lance-shaped foliage. One of the most used plants for hanging baskets and window boxes.

Three varieties:
1. Green foliage—very rapid grower.
2. Green foliage—striped with gold.
3. Green foliage—striped silver and red.

Each 20c, postpaid 25c; doz. \$2.00, postpaid \$2.25.

**Tradescantia****TUBEROSES**

One of the most delightfully fragrant and exquisite of all summer blooming plants. It is desirable to plant the bulbs as soon as the ground becomes warm. Our specialty is the Excelsior Double Pearl variety.

Each 10c, dozen \$1.00; each postpaid 15c; dozen postpaid \$1.25.

VIOLETS

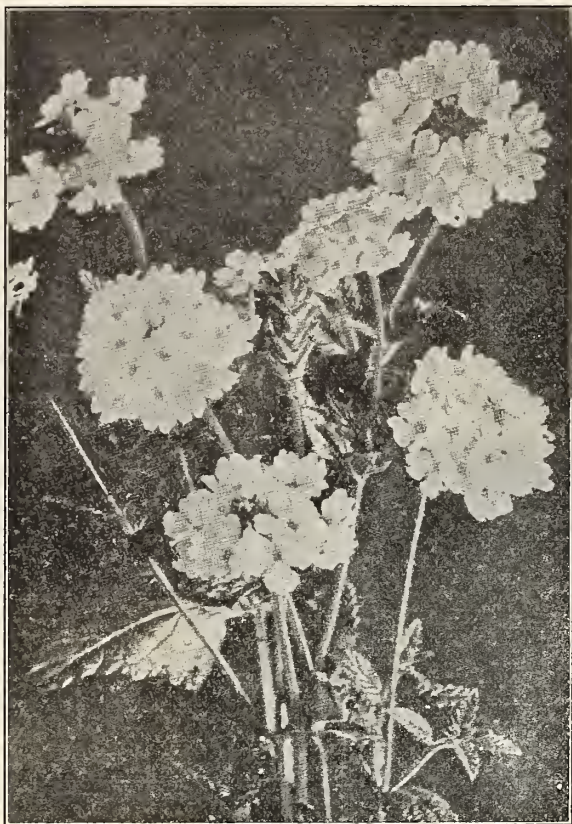
We have found that violets under proper cultivation can be grown in Montana that are the equal of any in the entire country. As an evidence of this fact, the demand for violets as cut flowers, in their season, in our own case, has increased so rapidly that it now requires seven of our largest greenhouses to satisfy the demands made upon us for these fragrant blooms. Under the care of the expert in charge of these plants, they are absolutely free from all kinds of disease that so often attack them in many parts of the country. Our pot grown plants are unequaled.

Governor Herrick—Flowers of rich purple borne on good stems and very prolific. From 3 inch pots (one year old) 25c, postpaid 30c.

Princess of Wales—One of the best varieties grown. Flowers very large, long stems, a very profuse bloomer, and extremely fragrant. From 3 inch pots (one year old) each 25c, postpaid 35c.

Unless otherwise directed we will ship all plants for outside planting at what we think the proper time to set out.

VERBENAS



VERBENAS

The Verbena without doubt is one of the most valuable bedding plants for use in the Northwest. They bloom continuously through the summer, and very often after the first frosts of fall. Their free flowering proclivities, and brilliant shades of coloring render them attractive to every lover of summer flowers in the garden.

Verbena—Oxford Beauty—This is a very large flowered clear pink variety.

Other colors—Scarlet, pink, white, purple, white and striped. Each 15c; per doz. \$1.50; postpaid, each 20c, doz. \$1.75.

VINCA

This is without a peer as a decorative vine for porch boxes and hanging baskets. Of the most easy culture, and rapid growth, it is today the most used trailing plant for this purpose in all parts of this country. The demand for it in the United States runs into the millions each year, and is steadily growing.

Vinca Major—Handsome dark green foliage.

Vinca Major Variegata—Foliage dark green in center, bordered with an irregular margin of rich creamy white. A most beautiful vine for porch use, and can not be too highly recommended. Each 20c to 50c; postpaid 30c to 60c.

Vinca Minor Aurea Variegata—This is a variegated form of the favorite Old English periwinkle with a creamy yellow edging around the deep green center of the leaf. It is extremely hardy and makes a splendid carpet plant for shady places where other plants refuse to grow. A very useful plant for covering graves. Each 25c, postpaid 35c; per doz. \$2.50, postpaid \$3.00. Large clumps 50c, postpaid 60c; per doz. \$5.00, by express only.

TORENIA

T. Fournieri—A splendid annual, for Baskets, vases or borders, very floriferous, literally covered the entire season with sky-blue flowers, with spots of rich dark blue, and a yellow throat. Each from 3 inch pots 15c, postpaid 20c; from 4 inch pots 25c, postpaid 30c.

WALLFLOWERS

A very fragrant easily grown old favorite. The plants we offer this season are raised from the finest strains which have been developed by European specialists, and will be found a wonderful advancement on any that have been hitherto offered in Montana.

Wallflower—Glory of East Prussia—A very robust and sturdy grower, with fine foliage, producing enormous spikes of bloom of a reddish brown. From 3 inch pots each 10c, postpaid 15c; from 4 inch pots 20c, postpaid 25c.

Wallflower—Original Koenigsberg—Of same sturdy habit as the first named variety, the blooms of a deeper brown, finely perfumed. Each from 3 inch pots 10c, postpaid 15c; from 4 inch pots 20c, postpaid 25c.

ZINNIA---(Old Maid)

Zinnias are the finest and showiest annuals grown. They will thrive anywhere, blooming from early summer until cut down by frost. With every color of the rainbow, and some others thrown in, a bed of Zinnias is indeed a most gorgeous sight in the summer landscape. Each 5c, doz. 50c; postpaid each 10c, doz. 70c.

PALMS



Kentia Palm

PALMS

Our collection listed comprises only those varieties of practical value which can stand the usage to which house plants are generally subjected.

CULTURE—Water the soil about twice a week and sponge the leaves frequently with tepid water, to preserve health and discourage the accumulation of dust or marauding pests.

Cocos Weddelliana—Very dainty thread leaved little Palms, vastly dissimilar to the stately Kentias. It is a very useful plant, rarely exceeding 12 inches in height and is especially fitting for table decoration or fern dishes of any kind. Each 50c and \$1.00 postpaid.

Phoenix Roebelenii—A very dainty and graceful palm, light and feathery as a Cocos but as hardy as the well-known Kentia. 50c postpaid.

Kentia Balmoreana—One of the most graceful varieties of palms on the market. Their long arching stems and fan-like canopy of richest green make them general favorites. They are very hardy and can be grown in the house for years with wonderful success. Each \$1.00, \$2.00, \$3.00 and \$5.00 postpaid.

Unless otherwise directed we will ship all plants for outside planting at what we think the proper time to set out.

ROSES

12 Roses of
Outstanding
Merit
and
Exceptional
Beauty



S.N.CO.

Templar

Just tell us
the amount you
wish to spend
and
let us plan
your Rose Bed
for you.

ROSE SPECIALS

NOTE—Our experience has shown that the roses listed below are hardy and of vigorous growth and that with just ordinary care will bloom the first year. In setting out be careful not to disturb roots or ball of earth. With proper winter protection they should continue for years. We can highly recommend the stock and we are confident they will please.

ANY ROSE—YOUR SELECTION—\$2.00

THE 12 AS LISTED \$20.00—ANY 6 \$11.00—ANY 3 \$5.75—EXPRESS EXTRA

PREMIER

Dark pink flowers of full size. Very fine form and pleasing fragrance, borne singly on, stiff, almost thornless stems. A very vigorous and robust plant of free-blooming propensity.

TEMPLAR

Clear, even shade of red of exceeding double form and strongly perfumed. Vigorous, upright, abundant and continuous bloomer.

ANGELUS

A beauty in white with a cream center which combines all the good qualities of both Ophelia and Columbia. Very free bloomer and a strong grower.

COLUMBIA

A large beautiful true pink, deepening as it matures, and lasting. A great summer rose of fine size and color borne on long, nearly thornless stems. Almost free from mildew.

HOOSIER BEAUTY

A rich velvety glowing crimson-scarlet. A magnificent bud sweetly scented and a great favorite for cutting.

OPHELIA

Very attractive light salmon-flesh shading to yellow. Very vigorous, reliable and persistent. A glorious rose in every respect.

For smaller bushes of the above varieties, see following pages.

We also have the above roses in the
 \$.35 sizepostpaid \$.45
 .50 sizepostpaid .65
 1.00 sizepostpaid 1.25

LEGION

A lasting cerise-red which produces well-shaped globular, fragrant buds, borne on excellent stems with foliage large and glossy reddish green. One of the finest cut flower varieties.

CRUSADER

A large strong growing variety, robust and rugged in every characteristic. Produces heavy growth with strong stems. Very free flowering, blooms large and double and having a rich velvety crimson color.

COMMONWEALTH

A deep pink, on medium strong stems of moderate fragrance. Buds large, long and pointed, the open flowers being double and very lasting. Foliage medium size rich green. Disease resistant.

AMERICA

A large flowered, lasting rose-pink variety, producing well-shaped fragrant buds on thornless vigorous stems. Really a fine rose.

PILGRIM

An ideal rose-pink of a beautiful shade. Perfect in growth at all stages. Very prolific bloomer. Good stiff stems. Has pronounced tea rose fragrance.

JULES PERNET

The Wonder Yellow Rose. The only true yellow. A very beautiful flower, producing exquisitely shaped buds of rich color on long, strong stems.



S.N.CO.

Jules Pernet

Unless otherwise directed we will ship all plants for outside planting at what we think the proper time to set out.



Premier—(See Page 23)

SEE PAGE 27 FOR ROSE PRICES

on this and follow-
ing pages

On the following
pages will be found
particulars of new
and standard varie-
ties that do well in
the Northwest.

These plants will
blossom the first
year.



Crusader—(See page 23)

American Beauty—Probably the widest known and most prized cut flower among all American Roses. Deep pink approaching crimson of exquisite form and fragrance, and large size.

Gruss an Teplitz—A wonderful rose of dazzling, fiery crimson. It is a very free grower and of unlimited flowering qualities. a rose that should grace every collection.

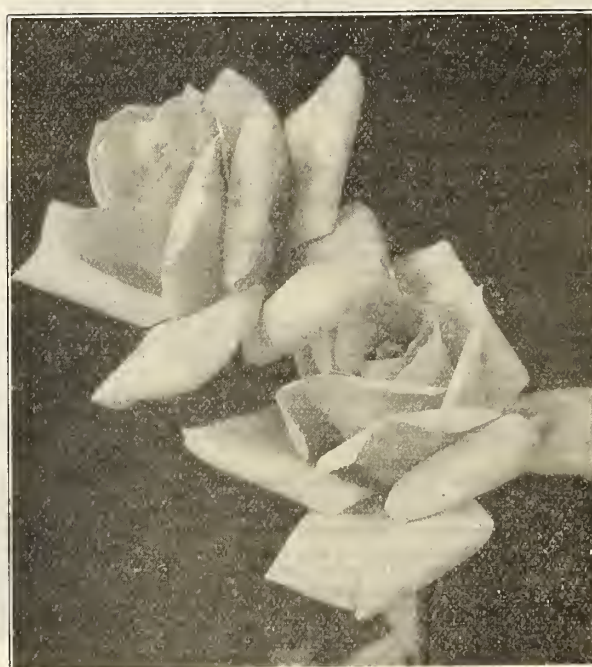
Red Radiance—Stands among red roses without a superior. It has flowers of the same exquisite form, the same sweet perfume, as Radiance. The color is a splendid even shade of clear red, without a trace of any other color, retaining its vividness for an unusually long time after being cut. It is a remarkable bloomer, being constantly in flower from early spring until freezing weather.



(See Page 23)

Tea and Hybrid Tea Roses

La France—Although introduced in 1867 this wonderful Rose still preserves its popularity. Of a silvery Rose, with pink shades, and satin-like petals of wonderful beauty and unequalled fragrance. A continuous bloomer.



Cphelia—(See Page 23)

NOTE—Postpaid prices—where quoted—cover not only actual postage but the cost of packing, etc., ready for shipment. These prices cannot be deviated from on mail (parcel post) shipments.

TEA AND HYBRID TEA ROSES—Continued.

**Los Angeles**

Los Angeles—One of the finest roses ever introduced. The growth is vigorous and produces a long-stemmed flower of a luminous flame-pink, toned with coral and tinged with gold at the base of the petals.

Hermosa—This is another old favorite, introduced in 1840, but still retains its popularity. While it is of the Bourbon type, it is of a free blooming nature, with finely formed flowers of a soft deep pink.

Mrs. Chas. Russell—This Rose is a magnificent pink, one of late introduction, and which jumped at once into well deserved popularity. Long, strong stems and very large flowers.

**Pilgrim**—(See Page 23)

Radiaunce—Flowers are a beautiful shade of the richest tone of pink, darker on the inner surface of the petals than on the margins. The buds are large and very fine. There is no finer rose grown than this.

**Kaiserin Augusta Victoria**

Kaiserin Augusta Victoria—One of the best white Roses ever introduced. A most sturdy grower with large perfectly formed and fragrant flowers, it combines all the attributes that go to make a perfect Rose. Very profuse.

Clothilde Soupert—Often called the Cemetery Rose as it will bloom and thrive with so little care. It is a cluster bloomer, white, shading to a light pink, of dwarf growth and very fragrant. An ideal pot rose for house use in winter or summer.

Sunburst—A splendid Rose of vigorous habit and one of the largest of the H. T. type. The color is an orange-copper or golden orange, very intense giving a most brilliant effect. A giant of its class, of perfect form, good keeping qualities when cut, it has proven an estimable garden Rose for this section.

Mrs. Calvin Coolidge—A magnificent and recent introduction from Ophelia source with all the delightful contours and expressions of that type; the color a clear light yellow which matures especially in the shadowed center, to deep orange.

**Mrs. Coolidge**

HYBRID PERPETUAL ROSES

Frau Karl Druschki—Commonly known as the Snow Queen or White American Beauty. One of the purest white roses known. Very large blooms with immense petals of splendid substance borne on long stiff stems. Very hardy and deservedly popular.

Anna de Diesbach—(Glory of Paris)—A very free blooming form of this type of Rose and a vigorous grower. Color a shell-pink, long pointed buds, very double and large compact blooms, very fragrant.

Black Prince—A very fine rose of an intensely dark crimson. Flowers are large, full and globular. One of the strongest growers and a very free bloomer.

SEE PAGE 27 FOR ROSE PRICES

HYBRID PERPETUAL ROSES—Continued.



General Jacqueminot

Price Camille de Rohan—Deep velvety crimson-maroon, very double and splendid form. Considered by many the best of hardy dark roses.

General Washington—Large double scarlet—very fragrant—free grower and profuse bloomer.

Jubilee—An almost everblooming rose. Flowers large, double, and of glowing velvety crimson. Vigorous grower and very fragrant.

Mrs. John Laing—A beauty—clear, bright shining pink, with close growing foliage. The open blooms are immense and are borne on long, stiff stems.

General Jacqueminot—"General Jack"—A celebrated rose with shapely buds and handsome flowers of brilliant velvety crimson. Very fragrant.

PAUL'S

SCARLET

CLIMBER

Paul's Scarlet Climber—Winner of Gold Medal as best new climbing Rose at National Rose Society's Exhibition. Flowers are scarlet shaded crimson, large semi-double. Very long blooming, holding in flower after many June bloomers have dropped their petals. A wonderful Rose for trellis or pergola use.

Climbing American Beauty—A comparatively new climbing rose—very popular in warm parts of the country. A seedling from the well known American Beauty. It is almost a continuous bloomer, a vigorous climber and has proved to be very hardy.

Dorothy Perkins—Shell pink, very fragrant, blooms in clusters. vigorous climber.

Climbing Varieties Continued to page 27



Captain Christy—A delicate flesh pink, shading to a deeper color at the center, a large very double and handsomely formed flower. Strong grower and very free.

Clio—Color flesh-pink, shaded in center with rosy-pink; large globular flowers freely produced and fragrant. A vigorous grower.

Paul Neyron—The largest of all roses, with flowers of clear bright shining pink, deliciously perfumed. A prolific bloomer of strong and vigorous growth. Almost thornless and very hardy.

Ulrich Brunner—Seedling from Paul Neyron. Cherry-red flowers of globular form and immense size.

SEE PAGE 27 FOR
ROSE PRICES
AND PAGE 23 FOR
ROSE SPECIALS

Roses for outdoor planting are not shipped until danger from frost is past. Do not, therefore, be surprised, if on an early order for plants in which roses are included, that these are held back from shipment until we feel sure that under ordinary conditions it is safe to plant them.



Legion—(See Page 23)

America—(See Page 23)

NOTE—Postpaid prices—where quoted—cover not only actual postage but the cost of packing, etc., ready for shipment. These prices cannot be deviated from on mail (parcel post) shipments.

CLIMBING ROSES—Continued.

Crimson Rambler—This Rose is of vigorous growth. It flowers in clusters forming a mass of vivid crimson beauty.

Lady Gay—Buds of a deep pink, changing to cherry-red, the open flower finally changing to a creamy white. The blooms are produced in large trusses, and form a mass of beauty from the ground to the top of the vine.

BABY RAMBLERS

Crimson Baby Rambler—(Erna Teschendorf)—A dwarf form of the Crimson Rambler, with deep crimson clusters of bloom flushed with carmine.

Pink Baby Rambler—(Lee Marne)—A dwarf type of bushy habit producing beautiful panicles of bloom the whole summer. Semi-double flowers, bright rose at the edges, rosy-blush inside. Unequalled as a decorative pot plant at any season.

ROSE PRICES

ROSE PRICES for stock quoted on PAGES 24—25—26—27.

From 3 inch pots 35c, postpaid 45c
From 4 inch pots 50c, postpaid 65c
2 year old stock \$1.00, postpaid \$1.25

We can also supply climbing roses in the \$2.00 size.



Persian Yellow

(AUSTRIAN OR BRIAR ROSES)

Harrison Yellow—A fine hardy Rose of double free flowering proclivities. The Austrian or Briar Rose type as a rule do not require much pruning, only to remove the dead and superfluous wood. They are extremely hardy. Field grown plants, each \$1.25, postpaid \$1.60.

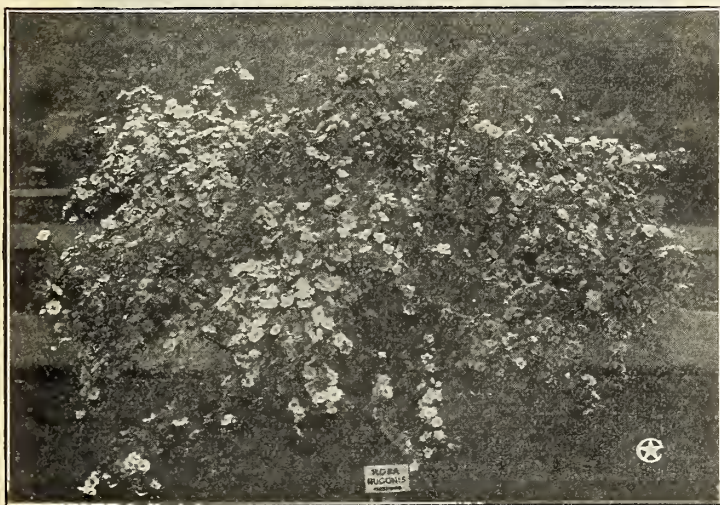
Persian Yellow—A large and very fine single Rose, deep golden yellow, very hardy and very floriferous. Field grown plants each \$1.25, postpaid \$1.60.

SIMPLE CULTURAL DIRECTIONS

Culture—Considering their easy culture Roses form a class of plants that should be in every garden in the northwest for they flourish so remarkably. The best results come from spring planting and the bushes produce blossoms that year. The following simple rules will help at planting time.

Treatment on Arrival—If roots appear too dry thoroughly soak in water. If stems also appear dry bury the entire plant in the ground for two or three days. Set out immediately after unpacking and do not under any consideration expose roots to sun or drying winds.

Planting—Select sunny location guarded from north winds. Spade deeply, thoroughly mixing into soil a goodly supply of well rotted cow manure. Pack soil thoroughly about the roots and well soak.



Rosa Hugonis

NEW YELLOW CHINESE BRIAR

Hugonis—This is something different. Nothing like it has ever before come into American nursery trade. It is a striking unique attractive shrub; at home in medium sections of the landscape groups, or conspicuously independent as a solitary lawn clump. A matured bush may attain 6 feet in height, with corresponding spread.

The sparkling buds begin to swell in April, so that long before June brings forth its rose-glory in the other types, Hugonis is a shimmering mound of gold. The flowers are single, flat to cup shaped, with charming stamen tufts at center; set snugly full length of the arching canes. Their color is bright and noticeable, ranging in shades of yellow from deep gold to canary. Long densely flowered wands may be cut liberally for table and other house decoration without detriment to the general landscape effect of a sizeable bush. Each \$2.00, postpaid \$2.50.



Commonwealth—(See Page 23)

HARDY PERENNIALS

THE STATE NURSERY AND SEED CO. are the largest growers of these plants in the Northwest. Our collection is today the largest and best in this section, and we are continually adding to the list. With no other class of plant is it possible to have as continuous a display of bloom and beauty with as little effort, from the early spring to frosts of fall, as with Hardy Perennials. A bed or border of these plants, properly selected and arranged, will produce a wealth of bloom almost from snow to snow. In the climate of the Northwest, there is no question but that they are the best class of plants for those who desire a profusion of bloom for the garden, with the least expenditure of effort. Give them any ordinary good soil, enriched with well decomposed fertilizer, and occasional watering through the summer. As soon as the first killing frosts have killed the growth, remove the dead tops and if convenient cover the bed with a mulch of dry leaves, or straw, though this is not absolutely necessary. A good mulch of well rotted fertilizer in the early spring, and spaded lightly into the border will also aid in giving them the necessary stimulus to bring out their best effort for your pleasure.



A Bed of Achillea

ACHILLEA

A. Millefolium Roseum—A pink flowered variety with very finely cut foliage, bearing its flowers in compact heads. Twelve to twenty inches. A continuous summer bloomer.

A. The Pearl—A well known form of this flower, with handsome double flowers, blooming very early, and with good keeping qualities when cut. 2 feet. Young plants, either variety each 20c, postpaid 25c. Per doz. \$2.00, postpaid \$2.25. Large field grown clumps of either of the above two varieties, each \$1.00 & \$2.00.

AEGOPODIUM (Bishops Weed)

Podograria Variegata—Pretty green and yellow variegated foliage, makes a pretty individual specimen and neat border or edging for a bed of shrubs. 25c each; \$2.50 per doz.

ALYSSUM SAXATILE—(Gold Tuft)

One of the most useful plants either for rockery or border. Produces large flat heads of yellow flowers in May and June. One foot. Strong young plants each 20c, postpaid 25c; per doz. \$2.00, postpaid \$2.25. Large field grown clumps each \$1.00 and \$2.00.

ANCHUSA ITALICA

Dropmore Variety—Very free flowering plants of a branching habit, with flowers of a gentian blue, and very attractive. Almost continuous bloomer in this section after June. 3 feet. One of the very best hardy perennials of its color. Strong young plants each 20c, postpaid 25c; per doz. \$2.00, postpaid \$2.25. Large field grown clumps each \$1.00 and \$2.00.

AQUILEGIA—(Columbine)

One of the most satisfactory of hardy perennial plants, producing beautiful spurred flowers on stiff stems. Should be given a sunny position, but succeeds in almost any soil or location.

Canadensis (Common American Columbine)—The native bright red and yellow variety.

Chrysantha (Golden Columbine)—Bright yellow, long spurred flowers.

Coerula (Rocky Mountain Columbine)—Bright blue and white, long spurred flowers.

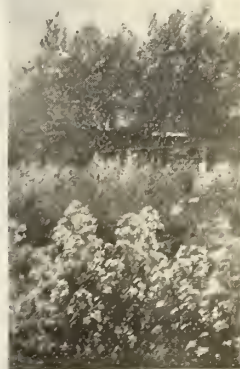
Helenae—A hybrid with large blue flowers and expanded pure white corolla.

Nivea Grandiflora—Fine pure white.

Long Spurred Hybrids—Mixed colors.

Strong young plants each 20c, postpaid 25c; per doz. \$2.00, postpaid \$2.25.

Large field grown clumps of Chrysantha and Long Spurred Hybrids only, each \$1.00 and \$2.00.



Anchusa



Aquilegia

ARABIS ALPINA—(Rock Cross)

A very early flowering carpet-like plant valuable for rockery and edging. It forms a dense carpet, and is literally covered with white flowers. Each 20c, postpaid 25c; per doz. \$2.00, postpaid \$2.25.



HARDY ASTERS

Hardy Asters—These beautiful hardy perennials must be seen to be appreciated. Growing from 2 to 3 feet high they are covered late in the fall with myriads of single blooms, and exceedingly useful for cut flowers.

Lillian Fardell—Rosy pink.

White Climax—A beautiful white.

Climax—A fine deep blue.

Feltham Blue—Considered one of the best.

Amarantha—An Amaranth red, very fine.

Praecox—Rosy purple.

F. W. Raynor—Fine pink; growing about 2 feet high, very bushy habit.

Early White—Early Pink—The early white and early pink are earliest to bloom of these valuable hardy plants, flowering about three weeks earlier than the other varieties listed. Each 20c, postpaid 25c; per doz. \$2.00, postpaid \$2.25; large field grown clumps each \$1.00 and \$2.00.

BLEEDING HEART—(See *Dielytra*, Page 30).

BOLTONIA—(False Chamomile)

Among the most showy of our hardy perennial plants, with large single flowers, resembling a single Aster, and borne in great profusion. Three to four feet.

B. Asteroides—Pure White.

B. Latisquama—Pink tinged lavender.

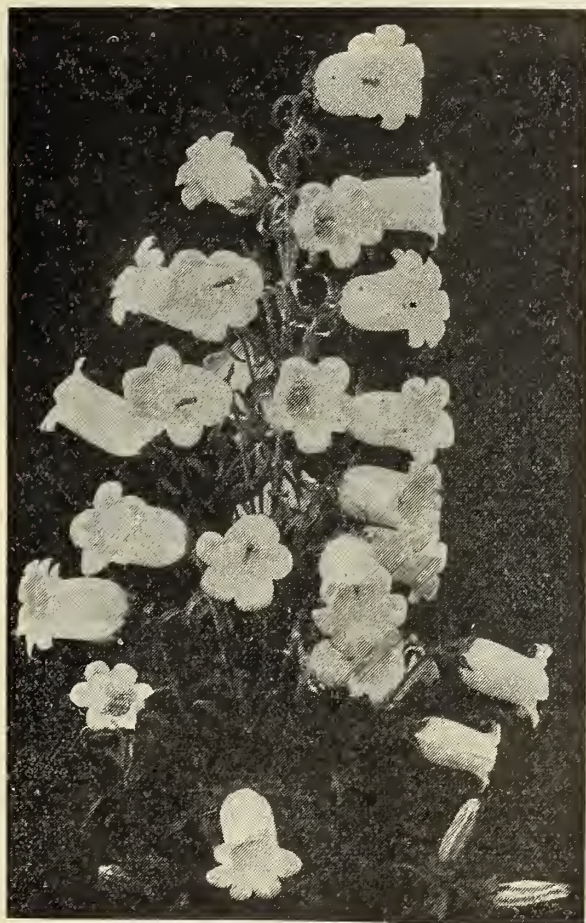
Each 20c, postpaid 25c; doz. \$2.00, postpaid \$2.25.

Cerastium Tomen-
tosum — (Snow
in Summer)—A
very desirable
plant for cover-
ing as with a
white carpet
dry, sunny
places. Low
growing with
white foliage
and flowers.
Very fine for
planting on
graves.
Strong young
plants, each 20c,
postpaid 25c.
Per doz., \$2.00,
postpaid \$2.25.
Large field
grown Clumps—
each \$1.00 and
\$2.00.



A bed of *Cerastium*

COLUMBINE—(See *Aquilegia*)



CAMPANULA—Canterbury Bell

Do best in a good rich soil and planted in a half shady place. They are indispensable as border plants. The taller varieties should be staked and all the flowers cut immediately upon fading.

Media—Single in colors of dark blue, white, light blue and rose.

Calycanthema (Cup and Saucer Canterbury Bells)—They differ from most of the varieties in that the calyx is the same color as the flower, giving it the appearance of the cup and saucer. We offer them in the following shades: Delicate rosy pink, clear blue, dark blue and pure white.

Pyramidalis (The Chimney Bell Flower)—Blue salver-shaped flowers. 3 to 5 feet. Each 20c, postpaid 25c; per doz. \$2.00, postpaid \$2.25.

CANDYTUFT, HARDY—(See *Iberis*, page 31)

CENTAUREA

Centaurea Montana—The Perennial Cornflower. A very handsome hardy perennial, bearing blue and white flowers, growing about 18 to 24 inches. Mixed—blue and white—each 20c, postpaid 25c; per doz. \$2.00 postpaid \$2.25.

COREOPSIS

C. Lanceolata Grandiflora—A popular plant everywhere. It bears golden yellow blooms in great profusion, valuable for cut flowers, and lasting well into fall. Two feet. Strong young plants each 20c, postpaid 25c; per doz. \$2.00, postpaid \$2.25; large field grown clumps each \$1.00 and \$2.00.



Chrysanthemum Maximum or Shasta Daisies

CHRYSANTHEMUM MAXIMUM OR SHASTA DAISIES

Among fall flowering perennials these are perfect gems. The growth of dark green foliage is of attractive formation covered profusely with flower stems bearing pure white flowers about 2½ inches in diameter. Blossoming develops in September and continues through till hard frost. A real garden favorite which can be relied upon to provide cut blooms of lasting quality.

Chrysanthemum Maximum—The old variety daisy and does exceptionally well in Montana.

C. Maximum King Edward VII.—A splendid daisy. Beautiful for cut blooms, two or two and a half feet high.

C. Maximum, The Speaker—Another fine variety—the cut blooms last a long time.

C. Shasta Daisy—"Alaska"—(Burbank's Improved) Something new in Shasta, and very fine.

C. Shasta Daisy—"Market Favorite"—This comparatively new type of the Shasta Daisy has leaped into popular favor, especially when grown for cut flowers. In this field it has no equal.

Strong young plants each 20c, postpaid 25c; per doz. \$2.00, postpaid \$2.25; large field grown clumps each \$1.00 and \$2.00.

DELPHINIUM—(Perennial Larkspur)

Few plants are so handsome in the garden as the perennial Larkspurs. There are many species in cultivation, but the most important are the tall hybrids, of which there are many varieties with a wonderful range of color. They are valuable for their great variety in height, varying from 1 to 6 ft. for their great variety in shades of color, varying from the palest lavender through every conceivable shade of blue to deep indigo. They thrive in almost any situation or soil and are easily increased, being perfectly hardy. A good, deep, rich soil will repay with larger and better flowers. Remove the flowers before the seed pods form and they will flower later in season again.



Mr. T. E. Mills among our Delphiniums

Bella Donna—Torquoise blue.
Formosum—The old standard blue.
Dusky Monarch—Light purple with black center, large semi-double.
W. S. McClellan—Tall, with semi-double flowers, very dark violet, shaded white in center.
Baby Boy—Flesh color, with light sky blue edges, semi-double.
Geraldine Kelway—A tall variety with pale azure-blue flowers, single.
 Strong young plants each 25c, postpaid 30c; dozen \$2.50, postpaid \$3.00. Large field grown clumps—mixed Hybrids only—each \$1.00 and \$2.00.

**DIANTHUS BARBATUS—(Sweet William)**

One of the most popular of outdoor bedding plants, throwing strong stems of brilliantly colored blossoms. During the period of their blooming the foliage is completely hidden by masses of attractive blossoms.

D. Latifolius Atracoccineus—(Everblooming Hybrid Sweet William). A beautiful summer bedding variety producing masses of brilliant, fiery crimson flowers throughout the entire season.
Holborn Glory—This is a large flowered selection of the auricula-eyed section, the most beautiful and admired of all Sweet Williams.

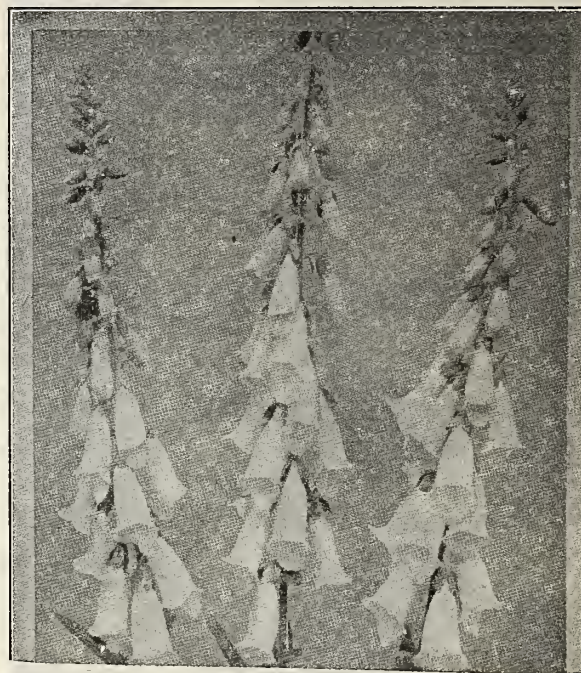
We can also supply the old time favorites in colors of Scarlet, Crimson, Violet, Red, White, Pink.

Each 20c, postpaid 25c; per doz. \$2.00, postpaid \$2.25.

**DELILYTRA—(Bleeding Heart)**

An old fashioned favorite. Its long racemes of graceful heart shaped pink flowers are always attractive. It is perfectly at home in any part of the Hardy border and is especially useful for planting in the shade.

Each 50c, postpaid 60c. Larger field grown clumps \$1.00, postpaid \$1.15, \$2.00, postpaid \$2.35.

**DIGITALIS—(Foxglove)**

While in bloom these dignified and stately stalks, with their luxuriant foliage, seem to dominate the whole garden.

Gloxinaeflora—A beautiful strain of finely-spotted varieties in beautiful colors of white, purple, rose and lilac.

Grandiflora—Showy flowers of pale yellow veined brown, spotted varieties.

Monstrosa—This variety in mixed colors is claimed to be the largest flowered of the genus, and very showy. Each 20c, postpaid 25c; per doz. \$2.00, postpaid \$2.25.

DORONICUM EXCELSIUM—(Leopard's Bane)

Splendid for cut flowers, having a good long stem, and will last a long time in water; will thrive almost anywhere. Pretty orange yellow. Very early.

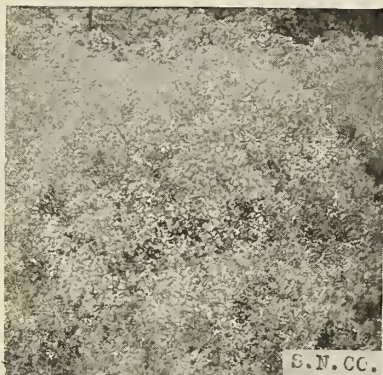
Strong young plants each 20c, postpaid 25c; per doz. \$2.00, postpaid \$2.25.

GAILLARDIA—(Blanket Flower)



One of the most beautiful of perennial plants and most popular for cutting. The center of the blossom is a dark reddish brown with beautiful markings of brilliant crimson, orange and vermillion, and occasionally a combination of all in the one flower.

Gaillardia Grandiflora—A refined and attractive flower of a beautiful yellow and orange color; sometimes marked with a maroon shade. Each 20c, postpaid 25c; per doz. \$2.00, postpaid \$2.25. Large field grown clumps each \$1.00 and \$2.00.



GYPSOPHILIA—(Baby's Breath)

The Gypsophilas with their attractively arranged masses of minute flowers should be in every garden. If cut and dried will retain its beauty for months, providing decorative material of the very best.

Paniculata—The popular old-time Gypsophila, much admired for its feathery appearance.

Paniculata Florea Plena—A double variety of the above equally useful for cut flowers. Each 20c, postpaid 25c; per doz. \$2.00, postpaid \$2.25. Large field grown clumps—Paniculata only—each \$1.00 and \$2.00.

HELENIUM—(Sneeze Wort)

Riverton Beauty—Striking colored blooms, lemon yellow and purplish black.

Riverton Gem—Old Gold, changing to wallflower red. Price each 20c, postpaid 25c.

HELIOPSIS—(Orange Sunflower)

A valuable addition to the hardy border, for cut flower purposes, blooming earlier than the sunflowers, and rarely exceeding three feet.

H. Fitcheriana—Flowers about two inches in diameter, double, of a deep golden yellow. Continuously in bloom the entire summer. A splendid cut flower. Each 20c, postpaid 25c; per doz. \$2.00, postpaid \$2.25.

HEUCHERA—(Coral Bells)

Heuchera—Coral Bells or Alum Root—A splendid hardy perennial, with flowers of a bright red coral color. Excellent for cutting. Each 20c, postpaid 25c.

HOLLYHOCKS



Double Hollyhocks

Our careful and scientific selection has resulted in the production of an unequalled strain of this magnificent plant in the best shades of color known, with colossal spikes of bloom, lasting and blossoming until frosts put a check on their wonderful vitality and growth. Used as individuals well back in the hardy border, or dotted here and there amongst a bed of hardy shrubs, which they brighten with their brilliant spikes of gorgeous color after the shrubs are through flowering for the season, or as a hedge at the rear of a bed of hardy perennials, they cannot be surpassed. The strain we offer must be seen to be appreciated, with flowers whose petals seem as if made of the finest China silk. Give them a well fertilized soil with well rotted manure, deeply spaded, sufficient drainage, a plentiful supply of water in the growing season, and success is assured in any location. Their enormous sale every season proves their popularity.

WHITE
DEEP ROSE
CRIMSON
MAROON

PINK
BLOOD RED
SALMON
YELLOW

EACH 25c, postpaid 30c; dozen \$2.50, postpaid \$3.00.

IBERIS (Hardy Candytuft)

A most desirable hardy dwarf evergreen plant flowering very early in the spring, and literally covering the foliage with dense heads of bloom. Ten inches.

Iberis Sempervirens—Pure white, innumerable flat heads of bloom.

Iberis Gibraltaria—A very free flowering variety with white flowers shading to lilac.

Each, 20c, postpaid 25c; per doz. \$2.00, postpaid \$2.25.

LATHYRUS—Everlasting Sweet Pea

This is a hardy perennial vine, growing to a height of about 3 to 4 feet, and after it once becomes established makes a thick screen or hedge, if given support. They are very free bloomers, bearing flowers much resembling Sweet Peas, hence the name—"EVERLASTING SWEET PEA". Of very easy culture, and will succeed anywhere. In colors of red, white and pink. Each one year old plants 30c, postpaid 40c. These should bloom this season.

IRIS (Fleur-de-Lys)



IRIS

We are extensive growers of Iris in this section, and our collection embraces the finest varieties of the type known. Extremely valuable as cut flowers, the only rivals of the Orchids in beauty and wealth of delicate coloring. The varieties we offer would hardly be recognized as the scientifically developed descendants of the old time "yellow and purple flag." They are of easy culture, extremely hardy, and will succeed anywhere. "S" indicates the "Standards" or upper petals, and "F" the "Falls" or lower petals.

Black Prince—(Kochi)—(S) Purple Lilac; (F) rich velvety black.
Celeste—(S & F)—Azure blue. Thirty inches.
Chalcedonica—(S) Light mauve; (F) Purple. Thirty inches.
Crimson King—(S & F) Rich crimson purple. Twenty-eight inches.
Florentina Alba—(S & F) Creamy white flushed with lavender. Very fragrant.

Khedive—(S & F) Beautiful soft lavender. Thirty inches.
Madame Chereau—(S & F) White, edge of petals frilled with blue.
Plumeri—(S) Coppery rose; (F) Velvety claret. Tall.
Purple Queen—(S & F) Large deep purple. Very early.
Queen of May—(S & F) Soft lilac or lavender pink. The nearest pink in Iris. Very beautiful.

Any of the above varieties 20c each, postpaid 25c.

The Collection—No. 1, of the above ten varieties—one of each—for \$1.50, postpaid \$1.75.

Darius—(S) Rich canary yellow; (F) Lilac margined with white. Twenty-four inches. Very choice.

Gypsy Queen—(S) Old Gold shaded with pearl; (F) Black maroon, reticulated with light yellow. Late, twenty-four inches.

Her Majesty—(S) Lovely rose-pink; (F) Bright crimson tinted with a brighter shade. A most beautiful variety.

Lady Jane—(S) Coppery rose; (F) Madder red, netted with white, a rare color in Iris.

Pallida Dalmatica—(S) Lavender; (F) Clear deep lavender. Flowers extra large and fine, one of the best.

Dr. Bernice—(S) Coppery bronze; (F) Rich velvety crimson. Very large blooms and very beautiful.

Any of the above six varieties 25c each, postpaid 30c.

The Collection No. 2 of the six varieties—one of each—\$1.30, postpaid \$1.50.

Iris Tingitana—This is a bulbous Iris, perfectly hardy, with very large blooms, of a rich deep blue, with spots of a deeper purple. A splendid variety for use as cut flowers. Each 25c, postpaid 30c.

Caterina—(S) A lavender clear light blue; (F) Lilac blue. Tall, with branching stems. Forty-eight inches, a new variety and still scarce. Each 50c, postpaid 60c.

Iris King—(True)—(S) Coppery yellow; (F) Crimson bordered with yellow. A very large flower and scarce. Twenty-four inches. Each 50c, postpaid 60c.

HARDY LILIES



Hemerocallis Fulva

Hemerocallis Fulva—(Tawny Day Lily)—This variety grows from 4 to 5 feet high, bearing profusely trumpet shaped flowers of a neutral orange color, with darker shadings. Blooms in June and July.

Strong young plants, each 25c, 50c, postpaid 35c, 60c. Large field grown clumps each \$1.00 and \$2.00.

Tiger Lily—Very large flowers, orange and black. Very floriferous, perfectly hardy, and should be in every garden.

Each 25c, postpaid 30c; dozen \$2.50, postpaid \$2.75.

L. Candidum—Madonna, St. Joseph's or Annunciation Lily. Large white, fragrant and perfectly hardy. Each 50c, postpaid 60c.

LILIUM REGALE

A magnificent new lily from China, vigorous, 3 to 5 feet high, bearing one to several handsome white fragrant flowers; slightly shaded pink outside and the lower inner surface primrose-yellow. It is a hardy lily and is one of the finest novelties offered in many years. It seems to thrive on any good, well-drained soil. It has been obtained in limited quantities for several years and is now grown from seed, from bulbets and stem. It promises to be the most popular lily in our country.

From 3 inch pots 50c, postpaid 60c.



LILY OF THE VALLEY

Lily of the Valley—Roots (pips) of this great favorite. Each 10c, doz. \$1.00; each postpaid 15c, doz. \$1.25.

L. Rubrum—Rosy pink with Amaranth spots and reflexed petals.

L. Alba—The white form of Rubrum.

L. Auratum—Golden banded Japanese Lily.

Prices, 50c each, postpaid 60c; dozen \$5.00, postpaid \$5.50. The Rubrum, Alba and Auratum Lilies should be given some protection during winter. A covering of leaves or a layer of clean straw will suffice.

HARDY PERENNIALS

Ideally Suited
To Northwest Conditions

THE THREE BEST PEONIES

(See Page 36)

QUEEN
OF MAY

GYPSY QUEEN

PURPLE
QUEEN

FELIX
CROUSSE

IRIS

The Orchid's
Rivals

Very Valuable
as
Cut Flowers

(See Page 31)

FESTIVA
MAXIMA

EDULIS
SUPERBA





MRS. CALVIN COOLIDGE



BASKET
OF
OPHELIA'S



LEGION

FRAU KARL DRUSCHKI



PREMIER



See
Page
32
for
Hardy
Lilies



Madonna Lily

LYTHRUM ROSEUM—(Loosestrife)

A very pretty hardy perennial, growing from 2 to 3 feet high and bearing spikes of rosy-pink flowers in great profusion from July to September. Each 20c, postpaid 25c.



Lychnis Chalcidonica—Brilliant scarlet flowers in June and July. Commonly called "Jerusalem Cross."

Lychnis Alba—A beautiful pure white form of the above, and a splendid companion to it. Either variety—Strong young plants, each 20c, postpaid 25c. Per doz. \$2.00, postpaid \$2.25. Large field grown clumps each \$1.00 and \$2.00.

LYCHNIS CHALCEDONICA (Ragged Robin or Jerusalem Cross.)



S.N.Co.

Pentstemon

PENTSTEMON

A most useful, showy perennial, either for mass planting, the rockery or border work. In some respects they rival Phlox, Petunias, etc., especially for bedding purposes.

P. Barbatus Torreyi—Scarlet spikes, height 3 feet.

P. Pubescens—Rosy purple, either variety each 20c, postpaid 25c. Per doz. \$2.00, postpaid \$2.25.

Hardy Perennial Phlox



Phlox—Von Lassburg

HARDY PHLOX

This is one of the easiest grown and most showy perennials in which we have specialized for years with the result that today we have a collection that has no equal in the northwest. The colors vary from the purest white to very deep crimson. They are extremely hardy and are not very particular as to soil. To obtain good results it is wise to manure the soil well and give them a fairly open situation and an occasional soaking of water during the hot and very dry weather. Their blossoming period is from early July to September and they often attain the height of 4 feet. Phloxes do well on the north side of the house (provided they can get the midday sun). Hardy Phloxes are admirably adapted for cutting and by judicious pinching back and removal of faded flowers a constant succession of bloom may be had until frost.

P. G. Von Lassburg—The purest and largest white known.

Geo. A. Strohleim—Bright scarlet with crimson red eye.

Edmund Rostand—Reddish violet, shading brighter toward the center of petals.

Siebold—Bright scarlet and one of the very best of its class.

Vesuvius—Red with bright purple eye. Quite showy.

Von Hochberg—The finest crimson.

Elizabeth Campbell—Very bright salmon pink with dark red eye

Pantheon—Bright carmine rose.

R. P. Struthers—Bright rosy carmine, with claret red eye.

De Miribel—White suffused with rosy scarlet; crimson eye.

Bouquet de Fleurs—White, with a cherry eye.

Miss Lingard—A grand early dwarf white variety.

Drago—Light red with dark eye.

Elegantissima—A large flowered early white.

Verdi—A beautiful rosy-pink.

Jefferson—Bright rosy-pink with a deep red eye. A tall robust grower.

Hyon—A strong grower, reaching about 2 feet in height; Color a rosy lavender with white lines radiating from a white eye.

Fred Garth—Pale pink with large crimson eye. A strong grower.

Each 20c, postpaid 25c; per doz. \$2.00, postpaid \$2.25; We have most of the varieties in large three-year-old clumps from the open field each \$2.50, postpaid \$3.00.

State Nursery & Seed Co.
Helena, Mont.

Valley, Mont.

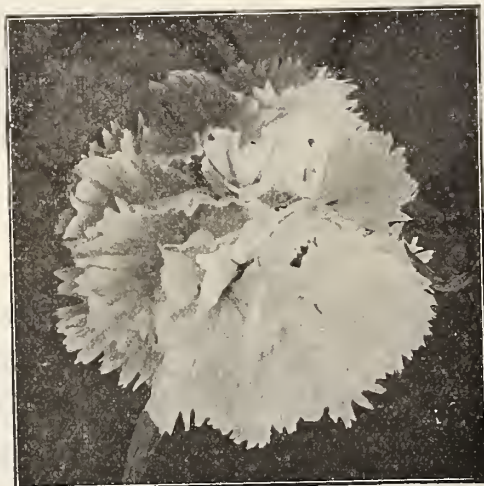
Dear Sirs:—My asters were wonderful plants and now we feel our lawn and shrubbery and plants are exquisite. Thanking you again, I am

Yours very truly, Mrs. C. F. Gilboe

PHYSOSTEGIA—False Dragon—(Virginia Heather)

One of the most beautiful of the Hardy Perennials forming dense clumps four to five feet high, with long spikes of tubular pink flowers like a gigantic Heather and very valuable for cut flowers. Fine for cool situation, very useful for borders.

Each 20c, postpaid 25c, per doz. \$2.00, postpaid \$2.25.

HARDY PINKS**OLD FASHIONED HARDY PINKS**

These are the old time Spice or Clove Pinks, and are indispensable for edging the hardy border, and also make beautiful independent beds. Their fragrance is delightful, are most excellent cut flowers, and will grow and succeed anywhere.

Homer—Rosy red with pink center.

Her Majesty—Large pure white flowers. Very fine.

Juliette—White laced crimson.

Swan—An everblooming white.

Each 20c, postpaid 25c; per doz. \$2.00, postpaid \$2.25. Large field grown clumps each \$1.00 and \$2.00.

**True Oriental Poppy—(Papaver Orientale)****ORIENTAL POPPIES**

These really wonderful Perennial Poppies with their rich and gorgeous coloring stand out during their flowering season pre-eminently above all other flowers. Their large blooms—perhaps the largest of any of the hardy perennials—with their brilliant colors will attract the attention of any flower lover at a great distance. They are of the easiest culture, almost any kind of good soil suits them, though they prefer a rich deep loam. Give them water freely—especially during the flowering period.

Oriental King—Large size, rich crimson.

Princess Victoria Louise—Salmon pink.

Goliath—A large flowered bright scarlet of strong growth. Strong young plants each 25c, postpaid 30c; per doz. \$2.50, postpaid \$2.75; Large field grown clumps each \$1.00 and \$2.00.

**ICELAND POPPIES**

(*Papaver Nudicaule*)

Iceland Poppies—These plants give a profusion of cup-shaped flowers throughout the entire season and are very useful for cutting. Colors white, yellow and orange, mixed.

New Sunbeam Varieties—This is a great improvement on the older varieties. Colors, deep orange, lemon and white. Price, each 20c, postpaid 25c; per doz. \$2.00, postpaid \$2.25

**Pyrethrum Uliginosum (Page 35)**

at the Residence of Mrs. G. H. Carsley—Helena

PYRETHRUM

Too much cannot be said about this superb perennial, which will thrive under almost any conditions. Splendid for cutting, lasting a week in good condition.

Pyrethrum Uliginosum—(Giant Daisy)—This hardy perennial grows from 3 to 4 feet high and produces in great profusion large daisy-like flowers. Very showy and fine for cutting. Strong plants each 25c, postpaid 30c; per doz. \$2.50, postpaid \$2.85.

Hybridum, Mixed (Single)—In the choicest shades of red and pink. June flowering. Strong young plants each 20c, postpaid 25c; large field grown clumps each \$1.00 and \$2.00.



Platycodon

PLATYCODON

(Ballon Flower—or Japanese Bell Flower.)

The Platycodon are closely allied to the Campanula or Canterbury Bells. They form neat branched bushes of upright habit, growing about eighteen to twenty-four inches in height. They bear blue or white flowers in great profusion from July to September or October. A splendid plant for the hardy border. Each 20c, postpaid 25c.

SALVIA

Patens—(Blue Sage)—In color as blue as the "Scarlet Sage" is red.

Azurea—Pretty sky blue, produces flowers in great profusion during July and August. Each 25c, postpaid 30c.

For Scarlet Sage See page 21

SAPONARIA

Saponaria Officinalis Flora Plena—Double flowered bouncing bet. A double pink and white flowered hardy perennial, growing 12 to 18 inches. A splendid border plant. Each 20c, postpaid 25c.

SEDUM SPECTABLE—(Live for Ever)

One of the finest erect growing species of the "Stone Crop" family. It attains a height of 18 inches, with broad light green foliage, and bears immense showy heads of rose colored flowers. A wonderful late fall blooming hardy plant. Each 25c, postpaid 30c.



RUDBECKIA—(Golden Glow)

Golden Glow—Is too well known to need a lengthy description. Perfectly hardy, and will succeed anywhere. Its rich Golden Yellow colored spikes of flowers reach a height of 4 feet. Each 35c, postpaid 40c.

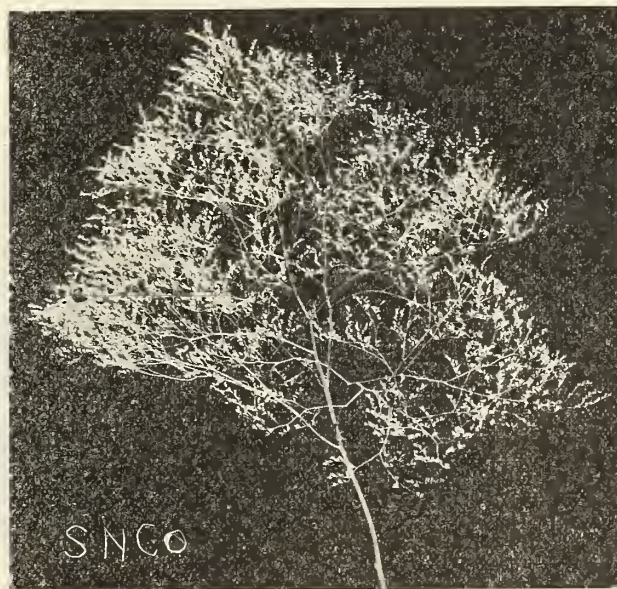


SCABIOSA JAPONICA

One of the handsomest of the hardy perennials, bearing on long wiry stems beautiful artistic lavender blue flowers. A fine cut flower, 18 to 24 inches. Each 20c, postpaid 25c; per doz. \$2.00, postpaid \$2.25.

SCABIOSA—(Cancasia)

Blue Bonnet—Dwarf compact perennial variety of this ever popular flower. Price, each 25c, postpaid 30c.



STATICE LATIFOLIUM

STATICE—(Great Sea Lavender) (Limonium)

E. Latifolium—A noble plant for the hardy border. Produces clumps of leather-like leaves, with heads of bloom which frequently measure 24 inches across, covered with small flowers and lasting until frost. The flower sprays when cut and allowed to dry will keep in almost their fresh cut appearance for months. We cannot recommend this valuable hardy perennial too highly, not only for its appearance in the hardy border, but also for the wonderful keeping and decorative qualities when cut and dried.

SHASTA DAISY—See Chrysanthemum Maximum—Page 29.

SWEET WILLIAM—(See Dianthus, Page 30).

**SWEET ROCKET—(Hesperis)**

A perennial that will succeed in any position, producing large spikes of blossoms varying from white to lilac. The plant is of a bushy nature and grows from 3 to 4 feet high, producing flowers very suitable for cutting. Price, each 20c, postpaid 25c; per dozen \$2.00, postpaid \$2.25.

THALICTRUM DIPTERACARPUM—(Meadow Rue)

This beautiful hardy plant is too little known. It is a real gem for the hardy border, and its graceful sprays of Violet flowers brightened with a bunch of yellow stamens, are invaluable for cutting. Four feet. Each 50c, postpaid 60c.



S.N.C.O.

Tritoma**TRITOMA (Red Hot Poker or Torch Lily)**

A very handsome and showy border plant with rush-like foliage producing single fiery cones at the tops of thick smooth stems, a yard or more in length. The blossoms are unique in shape the lower petals being tinged with orange ultimately becoming a brilliant flame red at the top. Flowering season July to September. Must be carefully protected, or lifted and carried dormant in dry sand or earth during winter. Each \$1.00, postpaid \$1.15.

May, 1925
State Nursery and Seed
Co.

Helena, Mont.
Gentlemen: My bleeding hearts are admired by all in town and I get a great many compliments on them. As I purchased these plants of you I am sending these pictures along hoping they will be of interest. I cut my first bouquet on April 29th this year and on the third day of May they were 4 feet 3 in. high and one mass of bloom.

Sincerely yours,
Mrs. Fred Woodside,
Dillon, Mont.

June, 1925
State Nursery and Seed
Co.

Helena, Mont.
Gentlemen: Might say we like your plants very much and the man who helped me set them out yesterday asked for the price list and went home saying he would order some from you at once. Said he had paid more for plants not half so good.
Respectfully,
J. H. B., Savage Mont.

VALERIANA OFFICINALIS—(Hardy Garden Heliotrope)
A fine hardy plant, with very showy heads of bright rose flowers, produced in great numbers on stems about three feet high, heliotrope scented. A constant bloomer until frost.

Valeriana Officinalis Alba—A handsome white variety, of similar habit and growth. A very free and fragrant bloomer. Strong young plants either variety each 25c, postpaid 30c; per doz. \$2.00, postpaid \$2.25; Large field grown clumps each \$1.00 and \$2.00.

VERONICA SPICATA

This well known "Speedwell" is one of the best of the genus, bearing long spikes of blue flowers from July until the early frosts. One to two feet.

Strong young plants each 25c, postpaid 30c; per doz. \$2.00, postpaid \$2.25; Large field grown clumps each \$1.00 and \$2.00.

VINCA (or Periwinkle)

V. Minor—Also known as Trailing Myrtle. This pretty evergreen is extensively used for covering graves, producing in the spring an abundance of blue flowers. Each 50c, postpaid 65c.

V. Minor Argentea Variegata—This new introduction is of the same habit as V. Minor, equally as hardy, but has beautifully silver edged foliage. A most valuable acquisition. Each 50c, postpaid 65c.

VIOLA

Viola Cornuta—A hardy beautiful plant with flowers similar to a very large violet, rich blue in color. Very useful for cutting. Each 20c, postpaid 25c.

**A Hedge of Eulalia in our Nursery**

A handsome hardy variegated grass—lending a touch of color and tone to any hardy border. Its green and white variegated foliage blend in well with either hardy shrubs or perennials. Each 25c, postpaid 30c.

The above cut forcibly illustrates the adaptability of this plant for hedge forming.



Miss Ingram and Co. Agent DeVore in charge of the "Farm Bureau Campers" during one of their visits to our Trial Grounds

PEONIES---The Ideal Flowers for Memorial Day

Our Peony fields are situated at an elevation of about 4500 feet and we can testify to the strength and vitality of the roots due to our soil and climate. Peonies are very easily grown, and produce when established, a most gorgeous effect. Today they are in the front rank of popularity, where they justly deserve to be, for they make a beautiful showing whether planted individually, massed in beds, or in groups about the shrubbery.

We have been very careful in making our list and although it is not a large one, our collection will be found to consist of the very best and most popular varieties. Their chief requirements are good rich soil and a sunny position though the latter is not absolutely essential, for they thrive well in partly shaded locations. They must be given a liberal supply of water during the growing season in order to produce an abundance of large-sized blossoms of extreme beauty, and producing an effect not surpassed by any other flower.



A Field of Peonies in Our Nursery

Planting Instructions—They may be planted in the fall or spring but fall planting has many advantages. Do not cover the eyes or new buds with over two or three inches of soil. Deep planting prevents blooming and causes poor growth. Do not allow manure to come in close contact with the roots as it frequently causes club root and sickly plants that will not bloom.

Felix Crousse—One of the largest and most beautiful reds. A great favorite.
Each \$1.00 and \$2.00; postpaid \$1.25 and \$2.25.

Edulis Superba—One of the early varieties, dark rose pink with center petals of a lighter shade. One of the very best on the market.

Humeli—A beauty—Cherry pink and slightly tipped with silver.

Festiva Maxima—One of the largest and most floriferous whites—center petals tipped with carmine.

Queen Victoria—Very early—opens up blush pink ultimately turning white.

Each (according to size where not priced) 75c, \$1.00, \$2.00, each postpaid 85c, \$1.25, \$2.25. Large field grown clumps, in white, pink and red, each \$3.00 to \$5.00. These cannot be surpassed for value and free flowering.

PEONIA OFFICINALIS

This is the old-fashioned Peony and comes into bloom from ten days to two weeks ahead of the other sorts. All are strong growers, with full fragrant flowers.

Officinalis Rosea—Double rose.
Officinalis Eubra—Double blood red.

Officinalis Mutabilis—Pink changing to white.
Each \$1.00 and \$2.00; postpaid \$1.25 and \$2.25.

NEWER VARIETIES

Baron Rothschild—Deep rose, mid-season. Long stem.

Eugene Verdier—Pink, very full flower.

Ne Plus Ultra—Dark rose, very large.

Rosea Magna—Dark pink, lilac center.

Mons Krelage—One of the later varieties of beautiful reds.

Comata—A very rich dark red of fine growth and habit.

Lady Bramwell—Silvery rose.

In most instances where hardy perennials are listed we can supply large clumps at \$2.00 each.

HARDY DECIDUOUS SHRUBS

During our 36 years in business we have had ample opportunity to study this particular division, with the ultimate object in view of adding only those varieties which are desirable because of their hardiness. Hardy deciduous shrubs form an indispensable section of all well balanced gardens. In addition to their particular use as individual specimens for the decoration of lawns they are also especially desirable as borders, and for attractive planting in cemeteries, they cannot be surpassed.

Nothing can add that home-like finish to a residence as a judicious planting of shrubs and the picture herewith forcibly shows that by the addition of a few suitable shrubs a house becomes a real home.



The home of Mrs. Chas. Bonner, Butte, showing Foundation Planting Effects

Success in growing ornamental shrubs depends upon the selection of the kinds adapted to our condition of climate and soil, upon the proper preparation of the ground and upon the care in setting out, and the subsequent treatment. Do everything to encourage growth and cause them to mature before freezing weather in the fall. Some plants that show a tendency to start growth too early in the spring should be mulched with straw after the ground is well frozen. Do not remove the mulch too early as it will retard growth until frost danger has passed.

Shrubs that bloom early in the season should be trimmed immediately after the blooming period is over. Shrubs that bloom late in the season, or fall, should be pruned early in the spring. All that is needed is to keep them trimmed to a symmetrical form, to remove all dead wood, and enough of the surplus wood to insure a good circulation of air and sunshine to all parts of the plant and border. We can usually supply large specimen plants of the varieties listed at a reasonable price. Write for special prices on your requirements in large quantities or specimen plants.

When planning on the artistic arrangement and planting of your grounds we cordially invite you to consult our experienced staff of nurserymen who are at your service at all times to give information on the most desirable trees, shrubs and plants and to furnish cost estimates. Our Mr. G. H. Davey, F. R. H. S. is also at the service of any organization which has for its aim the "Town Beautiful" idea provided suitable dates can be arranged.

We strongly recommend sending all trees or shrubs by express.

If wanted by parcel post add 25% for postage and packing.



Japanese Barberry

BERBERIS THUNBERGII—(Japan Barberry)

Nothing equals the delightful barberry where a dwarf deciduous hedge is required. Very little pruning keeps it in shape. The leaves are small, light green and towards Fall assume rich, brilliant colors, the fruit or berries, becoming scarlet. Perfectly hardy in all parts of the country. This variety is not a host for the Wheat Rust and is much sold for specimen planting. Each 16 in. to 18 in. at 50c. Large plants 20 inches to 24 inches, each \$1.00.

CALYCANTHUS—(Sweet Scented Shrub)

An old favorite which produces a great array of sweet scented flowers. Half hardy with us and requires some protection during winter. 2 to 3 feet, \$1.00 each.

CORNUS—(Dogwood)

Our Native Dogwood is a very ornamental shrub and in rows it is an effective windbreak. White flowers followed by white berries. Each 50c.

ELDERBERRY—(See Sambucus, Page 39)

HONEY SUCKLE (Bush)

Russian or Bush Honeysuckle and Virginia Creeper—Residence of Mr. Peter M. Wilkie, Rosebud

The above photograph gives a good impression of the value and beauty of this hardy shrub. It will succeed almost anywhere, is very free flowering and absolutely hardy. The above specimen grown from our stock, amply demonstrates what these shrubs will do in Montana.

Russian, Bush or Tartarian—One of the best shrubs. Many people think it is a vine, but it is a distinct shrub as much as a Lilac is. If you have not seen this, we strongly recommend it to you. For planting against a wall or anything to be hidden it is unsurpassed. For hedges it is also of great service. During the Spring months it is entirely covered with white and pink blossoms. It rivals the Lilac in beauty and excels it in hardiness. Each 50c, and \$1.00. Large specimens \$2.00.

State Nursery & Seed Co.
Helena, Mont.

Dear Sirs:—I received the plants and they were in fine shape. I think that I will have some for the State Fair, if they do as well as my Asters have always done.

T. J. Mulany.

We strongly recommend sending all trees and shrubs by express.

Dillon, Mont., May 29, 1925.

LILACS

We have an exceptional stock of this general favorite. Nowhere do they succeed better, produce more beautiful foliage, or flower more profusely than in our own state. We are anxious to see them in all gardens throughout the state, for they are rapid growers and shrubs that help to make the difference between a "House" and a "Home."

They may be planted as single specimens, in groups or in hedges. Blocks of these bushes attract the attention of large numbers of visitors to our nurseries every season, when in flower. Our stock cannot be surpassed and are in splendid condition, hardy to the last degree.

Owing to their rapid, clean, and hardy growth lilacs make ideal stock for hedge purposes and the purple and white varieties cannot be surpassed.

We list the following varieties:

Purple—This is the common variety, the most popular and very extensively planted.

White—The companion to the purple. The flowers are large, very fragrant, and a beautiful white. Prices of the above two varieties: Each 50c, 75c and \$1.00. Extra fine specimen bushes of the above varieties that will bloom this season, each \$3.00 and \$5.00.

Persian Lilac—This is quite distinct, with small foliage, graceful growth. Color the true lilac shade. Each \$1.00, \$2.00.

TREE LILACS

Charles X.—Deep purplish lilac flowers in large trusses. Flowers in May. Price, each \$2.00.

Madame Lemoine—Magnificent panicles of large double white blooms. Each, tree form \$2.00.

LILAC ROOTED CUTTINGS**Unequaled for Hedges**

We receive many inquiries for young plants suitable for the planting of hedges of these favorites, and are now prepared to offer well rooted cuttings of the Purple and White varieties for this purpose. These are the varieties that have proven the most hardy and adaptable for this use. Per 100 \$10.00.

**PHILADELPHUS—(Syringa)**

P. Gordonianus—(Syringa or Mock Orange)—A beautiful and well known flowering shrub; a native and therefore quite hardy; very rich fragrance. Each 50c and \$1.00.

If wanted by parcel post add 25% for postage and packing.



Hedges of Russian Olive and Caragana at the Residence of Mr. S. Erickson, North Ewing, Helena

RUSSIAN OLIVE

This shrub is a decided acquisition to our hardy varieties. The leaves are lanceolate; of a beautiful green above, and silvery white below. The blossoms are yellow, very fragrant, and borne in great profusion in June. Its shapely habit makes it very desirable for ornamental specimen planting, and for hedge and screen purposes it cannot be surpassed.

We know of no better bushes for hedge purposes in the northwest than the two pictured above viz:—Russian Olive and Caragana, both being of clean growth, and when properly trimmed will give results similar to those shown in the picture.

Each 18 to 24 inches excellent for hedge use 50c, per doz. \$5.00.
Each 3 to 4 feet \$1.00. If wanted in larger quantities write for prices.

SAMBUCUS—(Elderberry)



May, 1925
State Nursery and
Seed Co.
Helena Mont.
Gentlemen: I received your package of plants for which I thank you very much. They are admired by all who see them.
Again thanking you
I am

Very truly
Mrs. Wm. Dunbar,
Saco, Mont.

May, 1925
State Nursery and
Seed Co.
Helena, Mont.
Dear Sirs: I received my order of rose plants and was so pleased with them, that I am sending you another order.
Respectfully,
Oscar Hemgren.
Missoula, Mont.

A Typical Sambucus at the Residence of Mrs. H. Gerber, Helena

Elderberry—A very valuable hardy shrub of quick growth and branching habit. The deeply cut foliage produces beautiful effects in the shrubbery and, as a specimen plant for lawn purposes its even growth makes it ideal. Each 50c and \$1.00.

SIBERIAN PEA—Caragana—See Next Column

SNOWBALL—Viburnum

Always a favorite, with its large globular, pure white flowers. Stands out conspicuously in any landscape work.
Each, 2 to 3 feet 75c; 4 feet \$1.00.

SNOWBERRY

A small native shrub that grows well in almost any soil and succeeds in shaded locations. It is quite hardy, produces small white or pinkish flowers in July and August and these are succeeded by abundant white berries that last well into the winter. Price, each 50c.

We strongly recommend sending all trees and shrubs by express.

SUMACH

This old favorite shrub of the Eastern and Southern states has proven hardy in Helena, and we are pleased to be able to offer it to our customers. Its handsome fern like foliage, which turn to a wonderful red at the approach of the first frosts, should make it one of the best additions to our list of hardy shrubs. 3 feet each 50c.

SIBERIAN PEA---CARAGANA



CARAGANA—In Court House Lawn, Helena, Mont. Note also the wonderful velvety green lawn obtained from **STATE NURSERY AND SEED CO.'S ROCKY MOUNTAIN LAWN GRASS SEED**

The Caragana or Siberian Pea as it is more often called is the tree that was so strongly recommended to our farmers and ranchers in the treeless region of Montana by the demonstration train from the Agricultural College. For windbreak purposes in exposed situations, for specimen tree planting or for shrub use we cannot voice the praises of this variety too strongly. Many fine Caragana trees may be seen throughout the state. On the Capitol grounds and in the Court House lawn, Helena, some fine specimens now flourish. Their fine clean foliage, their rich golden blossoms, with the flowers hanging in regular clusters all tend to make this tree a permanent favorite. It is especially useful for hedge purposes, its even clean growth, its bushy habit and its clusters of "spikes" tend to make it just the plant for a hedge.

Trees are absolutely necessary for a real home and before decorative plants are a success trees and shrubs must first of all become permanent.

Prices—10 to 18 inch stock for hedge planting \$6.00 per 100; 50 at 100 rate.

Bushes—50c to \$3.00 each.

Specimen trees—\$5.00, F. O. B. Helena.

Extra fine stock balled and burlapped at the root thus insuring the arrival of the trees in the best possible condition.

If wanted by parcel post add 25% for postage and packing.

SPIREAS

**Spirea Van Houtii (Bridal Wreath)**

In Hill Park, Helena, Mont.

The above photograph was taken in Hill Park in the season of 1921. These wonderful hardy shrubs are yearly literally covered with a mass of flowers, and attract no end of attention and admiration. Placed as they are near the G. N. Depot, they catch the eyes of many visitors to this City—a veritable fountain of bloom. These can not be too extensively planted in Montana. The shrubs and trees in this lawn and park were supplied from our Nursery, and the wonderful lawns were sown with our Rocky Mountain Lawn Grass Mixture.

- S. Van Houtii (Bridal Wreath)**—The grandest of all the White Spireas; it is of compact habit and a beautiful ornament for the lawn at any season, but when in flower it is a complete fountain of white bloom, almost completely covering the foliage. Each 50c, 75c. \$1.50.
- S. Sorbifolia (Ash Leaved Spirea)**—Beautiful foliage and white flowers. Each 50c.
- S. Anthony Waterer**—A valuable dwarf variety. Bearing pink heads of bloom, which are produced in great profusion. Considered one of the best of the pink Spireas. Each \$1.00.
- S. Prunifolia**—Another favorite variety. It produces long spikes of double blooms very freely, in May and June. Each 75c.

WEIGELA

Beautiful shrubs that bloom profusely in June and July. These plants are half hardy and need some protection during the winter.

- Abel Carrier**—One of the best—2 to 3 feet in height—color rose-carmine with yellow spot.
- Rosea**—Early—rose colored.
- Candida**—White—very free bloomer.

Each \$1.00.

Garden and Shrubbery of Mrs. F. M. Bell, Butte, Montana
Showing 137 varieties**LANDSCAPE ARCHITECTURE**

To those desirous of beautifying their premises with tree and shrub planting, we tender our services in this important branch of the business. For small places, send us a sketch of the lot or lots with location of buildings, dimensions, location of entrances, roadways, etc., and exposure. We will cheerfully submit suggestions with estimate of cost of the trees, shrubs, etc. required.

We strongly recommend sending all trees and shrubs by express.

HARDY VINES

**Clematis Jackmanii in Helena****CLEMATIS**

One of the most popular of all trailing vines, used for covering house fronts or draping over retaining walls. When in bloom the dense sheets of blossoms, with their most pleasing fragrance, give a beauty indescribable. Their variety of size, coupled with a wealth of bloom, puts them in a unique position.

To obtain good results they must have rich soil, perfect drainage and an abundance of water and most important of all they must be planted with the crowns about 3 inches beneath the surface of the soil.

Heretofore it has been difficult for many to transplant these plants with success, so this season we are featuring pot grown stock of A1 quality which will come with a ball of earth and are sure to give satisfaction.

C. Jackmanii—The popular rich purple variety with large flowers and very hardy.

C. Henrii—A fine white having large blossoms which come in great profusion.

C. Baron Veillard—An excellent variety, color rose. A beauty in every respect.

Native—A sweet scented, rapid grower extremely hardy and producing magnificent foliage and great masses of flowers. Good strong roots, 50c each.

HOP ROOTS

For quickness in covering residence fences, arbors, etc., the Hop Root leads. The peculiar shade of its foliage, extreme hardness and quick growth makes it a very desirable vine. Each 25c, doz. \$2.50; each postpaid 30c, doz. \$2.75.

If wanted by parcel post add 25% for postage and packing.



Virginia Creeper on a Helena Residence

Virginia Creeper (American Ivy-Woodbine)

This vine is without doubt the very best and most hardy variety for this section. Everywhere it has been planted it has succeeded wonderfully. It produces masses of rich dark green foliage deeply cut, which assumes brilliant shades of yellow, crimson and scarlet in the Fall. It is the ideal vine for covering fences, walls, trees, rocky slopes, etc.

Our stocks are clean, hardy and of sturdy growth and we feel safe in saying are some of the finest in the country and for general purposes cannot be too highly recommended.

Each\$1.00

Each Extra Large Plants....\$2.00

Planting Trees and Shrubs

On receiving Trees unpack without delay, cover the roots with earth and water freely.

The roots should never be exposed to the air after wrapping is removed.

All bruised ends of roots should be trimmed.

When planting do not expose roots by taking more than one tree at a time.

All Trees should be planted about 2 inches deeper than they were at the nursery. (The mark at the base determines this depth.)

Soil should be firmly packed around the roots. This is an essential point.

Complete by well watering.

GUIDE TO PLANTING TREES, SHRUBS, ETC.

	Trees to Acre	
30 feet apart each way.....	48	
25 feet apart each way.....	69	
20 feet apart each way.....	108	
18 feet apart each way.....	134	
15 feet apart each way.....	193	
12 feet apart each way.....	302	
10 feet apart each way.....	435	
8 feet apart each way.....	680	
6 feet apart each way.....	1210	
5 feet apart each way.....	1742	
4 feet apart each way.....	2722	
3 feet apart each way.....	4840	



A View in Our Nursery

We strongly recommend sending all trees and shrubs by express. If wanted by parcel post add 25% for postage and packing.

TREES---Shade and Ornamental

IMPORTANT TO TREE BUYERS—In buying shade and fruit trees or other Nursery Stock from **THE STATE NURSERY AND SEED CO.** you are also getting free of charge the experience of **THIRTY-SIX YEARS** of production of these goods in Montana. This can not be offered you by any other house at any price.

We pride ourselves on our good, clean, hardy tree stock, and we are confident they are the best the Northwest can produce, a fact which is borne out by the numerous unsolicited testimonials which we have received. In addition to the hundreds of private citizens who annually plant our trees many of the cities of the State use our stock for parking purposes. We make special prices where quantities are purchased and we cordially invite correspondence from city authorities on this subject.

Our location, (altitude 4400 feet) and soil are two of the prime factors for the production of stock with good fibrous roots, which, before shipping are carefully wrapped in wet moss and the whole length of the tree wrapped in burlap.

We guarantee to replace at one-half the original cost all trees that fail to grow the **FIRST SUMMER**.



AMERICAN WHITE ASH

The best hard wood tree for Montana, being extremely hardy, and growing into a most beautifully formed head. We cannot recommend this tree too highly for this section, either for parking purposes or for planting as individual specimens. We call attention to the \$2.00 size—7 to 8 ft. high. The 7 to 8 foot tree is generally planted for street parking and we invite correspondence from city authorities.

Each 6 to 7 ft. high \$1.50, doz. \$15.00; Each 7 to 8 ft. high \$2.00, doz. \$20.00; Each 8 to 9 ft. high \$2.50, doz. \$25.00; Specimen Trees 10 to 15 ft. high \$3.00 to \$5.00.

Seedlings—6-8 inches—per 100 \$5.00; per 50 \$3.00. These are offered for customers who may wish to grow these valuable trees for windbreaks.

We strongly recommend sending all trees and shrubs by express. If wanted by parcel post add 25% for postage and packing. Trees over 4 feet in height cannot be sent by Parcel Post



Mountain Ash—European

MOUNTAIN ASH

This is without doubt one of the very best ornamental trees, and because of its outstanding beauty, and hardiness, together with its fine foliage and lovely blossoms, followed by massive clusters of beautiful berries from July till winter is undoubtedly a **TREE THAT SHOULD GRACE EVERY GARDEN**.

6 to 8 ft. \$2.00 each; 8 to 10 ft. \$3.00 each.

BIRCH

Cut Leaf Weeping Birch—Very limited supply. We have been fortunate in procuring some fine specimens of these beautiful trees.

5 to 6 ft. \$5.00; 6 to 8 ft. \$6.00 each.

Canoe Birch—A very hardy and beautiful American tree of fine shape and delightful bark. An excellent specimen for lawn or other decorative purposes.

6 to 8 ft. \$2.50 each.

BOX ELDER

Often called the Ash Leaved Maple. Requires but moderately rich soil, and is of a vigorous growth. Has been so popularly planted that it needs no description. Each 5 to 6 feet, 75c; doz. \$7.50. Each 8 to 10 feet \$1.25, doz. \$12.50.

CHESTNUT (Horse)

A very handsome and beautiful tree producing spikes of white flowers in great profusion and sweetly scented. May be frequently seen in many towns of the State. Well worth trying. 3 to 4 feet \$1.50 each.

CHERRY (Japanese Flowering)

The famous flowering cherries of Japan—strictly ornamental and beautiful specimens, blossoming in profuse panicles. Each 4 to 6 feet \$2.50.

CRAB—(Flowering)

Crab (Flowering)—Strictly an ornamental tree. An excellent addition to any grounds. Makes a medium sized tree, perfectly hardy, succeeds well in all soils not too wet. When in blossom appears to be covered with delicate pink perfectly double small roses of delicious fragrance. Each 3 to 4 ft. \$1.50.

ELM

The American Elm is a noble native American tree, attaining a large size, with wide spreading head and graceful drooping branches. It is one of the best park and street trees, and is superb when planted as a single specimen. Each 6 to 8 feet \$1.50; doz. \$15.00.

LINDEN (American)

A very stately and beautifully shaped tree with large shining leaves and producing blossoms in July.

6 to 8 feet \$2.00 each.

BLACK LOCUST

One of the hardiest of the Locusts. Produces blossoms in long white racemes, very fragrant. 6 to 8 feet 75c each.

MAPLE

The Maples are increasing in popularity owing to the profusion of foliage and majestic upright growth.

Norway Maple—An excellent shade tree, the foliage in the Fall assuming very striking tints of yellow. It is one of the handsomest of the species, of very hardy nature, but very scarce this season. Each, 6 to 8 feet, \$3.00.

SOFT MAPLE

Of easy culture and rapid growth, forming well shaped trees, when given sufficient room to develop. Splendid stock. Each 6 to 8 feet, \$1.50; per dozen \$18.00.

PLUMS—FLOWERING

Prunus Pissardi—Very handsome form with rich purple leaves. Recommended where colored foliage is desired. Covered in Spring with beautiful white flowers, later with wine red fruit. Very suitable for foundation planting. Each \$2.00.

POPLARS

These hardy trees thrive in almost any soil, and as a class are unequaled for this section. They are of rapid growth, and are used in increasing numbers every year in all parts of this state.

BALM OF GILEAD—(Native)

Balm of Gilead or Balsam—There are few situations in Montana where this tree will not succeed well. It is especially adapted for planting on the exposed prairie lands of Eastern Montana and similar localities, and will thrive there well, if given half a chance. They should be freely planted in those regions where there is absolutely no native timber. Each 5 to 6 feet 75c, doz. \$7.50; each 6 to 8 feet \$1.25, doz. \$12.50.

Bolleana—A very useful variety with the upper sides of leaves a glossy green, silvery beneath. Each 6 to 8 feet \$1.75 each.

Canada Poplars—This is the most popular of the Poplar family and is the best tree, being hardy, of clean, rapid growth and of symmetrical shape. This variety may be called the "all purpose" variety for they may be planted as specimen trees or used for parking purposes where quick shade is required, and judiciously used in windbreaks. Farmers living in the treeless sections of the Northwest can add materially to the appearance and value of their property, in addition to deriving a great deal of pleasure by a systematic planting of these trees.

Silver Leaved Poplar—Under side of leaves are a beautiful silver grey, making it decidedly distinct from any of the other varieties.

Norway Poplar—Another good variety, grows to a very large size.

Lombardy Poplar—This variety is a very rapid grower—very erect, forming living pillars of handsome green foliage. Subject to winter killing in some sections.

Any of the above varieties—

Each 4 to 5 feet 50c, per doz. \$5.00, per 100 \$30.00; each 5 to 6 feet 75c, per doz. \$8.00; each 6 to 7 feet \$1.00, per doz. \$10.00; each 8 feet \$1.50, per doz. \$15.00; each 10 feet \$2.50, per doz. \$25.00.

Canada Poplars only—1 year, 2 to 4 foot whips, per doz. \$3.00; 50 \$7.50; 100 \$15.00.

We strongly recommend sending all trees and shrubs by express. If wanted by parcel post add 25% for postage and packing. Trees over 4 feet in height cannot be sent by Parcel Post



Windbreak of Russian Willows.

Among the best hardy trees for our rigorous climate, are the Willows. As windbreaks—some varieties are unexcelled, as specimen trees—they are handsome and ornamental in any location. They are, when once established, very hardy. Our stocks of these cultivated varieties of Willows are perhaps the largest and best to be found in any section, and produced as they are—at an altitude of over 4000 feet—on the eastern slope of the main range of the Great Continental Divide, are the hardiest trees that can be produced anywhere. The above picture is a photograph of Russian Willows—dividing our Nurseries from the Broadwater Hotel grounds, and aptly shows what this variety will do under Montana conditions.

WILLOWS

One of the most hardy class of trees known. The cultivated varieties we offer are invaluable for the rigorous climate of Montana. They are of very rapid growth, and make fine attractive trees for any position.

Golden Willow—Golden colored growth, makes a handsome specimen tree anywhere, and hardy under all conditions.

Russian Willow—A very strong growing tall variety, extremely valuable for windbreaks, very hardy and of very rapid growth and of great value also for specimen trees.

Each 4 to 5 feet	50c, doz. \$5.00
Each 5 to 6 feet	75c, doz. \$7.50
Each 8 feet	\$1.00, doz. \$10.00
Each 10 feet	\$2.00, doz. \$20.00

SPECIAL—1 year Golden or Russian Willow, 3 feet, \$10.00 per 100.

Laurel Willow—This is not the pussy willow of our river bottoms but a far superior type having as the name implies large leaves with a glossy appearance. Each 6 to 8 feet \$1.00, per doz. \$10.00.

TREE CUTTINGS

We sell quantities of cuttings of the following varieties: Poplars, Willows and Native Balm of Gilead, for the rancher or farmer who wishes to buy quantities of trees but does not wish to invest in rooted trees. These cuttings are about six inches long and in bundles of 100.

Per 100 \$1.50, per 1000 \$10.00. Per 100 postpaid \$1.75.

PLANTING TREE CUTTINGS

These are very easy to grow. Take the cuttings as received in the early spring, and plant deeply in a trench in good soil, placing the cuttings about 3 inches apart. Tread the soil around them firmly, and water well. Do not allow them at any time to lack water. Leave only about two eyes above the ground in planting. Replant the following spring giving them about 12 to 18 inches of space between them, and transplant the second year to places where desired to remain permanently. If more than one eye sends up a shoot the first season, remove the weakest ones leaving one strong shoot.

EVERGREENS

BLUE SPRUCE

Picea Pungens

The glory of the Blue Spruce is its foliage, which is an intense steel blue. It has created a sensation throughout the United States and Europe and is indeed a triumph in evergreen growing. Very decorative plant for lawn purposes and quite hardy, also ideal for porch use when grown in tubs. Genuine grafted stock, very select specimens, 6 to 7 feet balled and burlapped \$40.00 each.

NORWAY SPRUCE

Norway Spruce is highly appreciated because of its rapid growth, its thriftiness and its heavy masses or deep green foliage in fact one seldom finds a bare branch.

Some of the finest old hedges are of Norway Spruce as the trees can be pruned to any desired height. On farms and around homes all over the country Norway Spruce windbreaks are giving substantial protection to stock and buildings. Norway Spruce is a tall picturesque and hardy tree, graceful in all its lines and well adapted to planting over a wide range of territory.

Each 3 to 4 feet balled and burlapped for shipment \$7.50.



Blue Spruce in Our Nursery



Black Hill Spruce

The hardest of all Spruce being symmetrical, compact and bushy in habit of growth; the very smallest trees soon form round, sturdy, compact bodies as the tree grows and develops. It continues to carry this particular style of growth; even in old trees the lower branches are retained, thus forming a close ground cover. The foliage varies from green to bluish tint and all trees are remarkable for their bright fresh color.

Each 2½ to 3 feet \$4.00. Each 3½ to 4 feet

Portion of an 80 rod Hedge of 4 year old Caragana on M. G. Austin's Ranch at Rudyard, Mont.

We strongly recommend sending all trees and shrubs by express. If wanted by parcel post add 25% for postage and packing. Trees over 4 feet in height cannot be sent by Parcel Post

COLORADO BLUE SPRUCE

"This tree has a regal grace, stern and unyielding in outline. It is hardy, healthy and wonderfully beautiful and should be welcomed to every home" Harrison.

The rich blue color, a pronounced characteristic of all these specimens enhances the value of the Colorado Blue Spruce for single tree or group plantings:

Each 18 inches \$10.00
per paid \$17.50.

Each 24 inches \$12.50
per pair \$22.50.

Each 36 inches \$15.00
per pair \$28.00.

State Nursery and Seed Co. April, 1925
Dear Sirs:—Enclosed find check for trees you sent the Harrison Ladies Aid. We were very much pleased with them, they were even nicer than we expected.

Sincerely,

Harrison Ladies Aid,

Mrs. Geo. Powell, Harrison. Mont.



Canada Poplars in Street Parking on Breckenridge St., Helena



An Avenue of Poplars at the Farm of Mr. Hugh Rogan, Helena Valley



Fruit Trees and Small Fruits

We specialize in fruit trees and small fruits, especially suited to Northwest conditions, and cater to those requiring from 1 to 100 or more trees for home orchard purposes. Our list of varieties is not large for the reason that we list only those that have proven suitable to our climatic conditions. All the trees, etc., listed we can unhesitatingly recommend as being hardy, of thrifty growth and clean, and good stock of standard varieties. After nearly forty years in the Nursery business in the State we feel we are in a position to give invaluable aid to purchasers of fruit and other trees.

APPLES



Duchess

Duchess of Oldenburg—One of the hardiest and most productive of our large apples. Fruit streaked red. (Fall variety). Each 5-6 ft. \$1.25, per doz. \$12.00.

Yellow Transparent—Earliest and of splendid quality, and does well in any exposed situation. Fruit light yellow. Each 5-6 ft. \$1.25, per doz. \$12.00.

Hibernal—A splendid fall variety, very hardy. A really good apple for exposed situation. Each 5-6 ft. \$1.25, per doz. \$12.00.

McIntosh Red—Too well known to need description. Each 5-6 ft. \$1.25, per doz. \$12.00.

Wealthy—Does well wherever grown—leading winter variety for Montana. Large red fruit. Each 5-6 ft. \$1.25, per doz. \$12.00.



Transcendent Crab.



Crab Apple Tree in the garden of Mr. Elmer Holt, Butte

CRAB APPLES

For preserving, jellies and ornamentation

All are unequalled for cider or vinegar. The Trees are noted for their hardiness and vigor, and usually bear the second season after planting. From an ornamental standpoint alone these trees are well worth planting.

Transcendent—Very productive; fruit yellow with red cheek. The variety generally used for jelly. Each 5-6 ft. \$1.25, per doz. \$12.00.

Whitney—Bears quantities of very large fruit. Good both for eating and cooking. Very hardy. Each 5-6 ft. \$1.25, per doz. \$12.00.

Red Siberian—One of the hardiest and most prolific fruiting Crab Apples yet introduced. Each 5-6 ft. \$1.25, per doz. \$12.00. Larger trees of any of the above \$2.50.

CHERRIES

Cherries do very well in some parts of Montana, while in others they will not succeed. We advise our customers, where Cherries are not grown, to test a tree or two before attempting to plant on a large scale. This will lead to practical knowledge for the different localities, and prevent severe disappointment.

Early Richmond—A splendid variety in dark red. Each \$1.50, \$2.50 and \$3.50.

Montmorency—A good hardy red variety. Each \$1.50, \$2.50 and \$3.50.

English Morello—A well known dark red. Each \$1.50, \$2.50 and \$3.50.

Rocky Mountain—Grows to a height of four feet and its load of white blossoms in spring is followed by quantities of black fruit that ripens late. A distinct bush, and really valuable fruit. Each 3 feet \$1.00, doz. \$10.00. Each 2 feet 50c, doz. \$5.00.

NATIVE CHOKE-CHERRY

This native tree is extremely useful, absolutely hardy, and should be generally grown both for shade and fruit. The fruit is produced most abundantly and it is very valuable for jelly. Each 5 feet \$1.00, doz. \$10.00.

We strongly recommend sending all trees and shrubs by express. If wanted by parcel post add 25% for postage and packing.

Trees over 4 ft. in height cannot be sent by Parcel Post

PLUMS

The following varieties of this favorite fruit were originated in Minnesota at the State Fruit Breeding Farm and from data to hand backed up by our own experience have all proven exceptionally well suited to Northwest conditions. We feel that from those quoted a collection can be made that will suit any customer wishing standard varieties for a home orchard.

Red Wing—This is one of the largest in size of fruit yet produced at the Fruit Breeding Farms, ripens in mid-season, with beautiful red freestone fruits of very high quality.

Underwood—A very vigorous growing variety, producing red fruit of large size, early maturing, and of good quality.

Monitor—A vigorous grower, making a wonderfully well shaped tree, yielding large red, very firm fleshed fruit, of good quality.

Hanska—A very vigorous growing native plum. Fruit one of the best of the American plums that has been introduced. Flesh firm and juicy.

Surprise—Fruit large, skin medium thick and tender, of bright red color, flesh pale yellow and of excellent quality.

Terry—Another American Plum originating in northern Iowa, and has proven very hardy. A large fruit, color red over yellow, round shape, thick skin, yellow flesh of splendid quality. Price: Each \$1.50, doz. \$15.00.

COMPASS CHERRY—A cross between a cherry and a plum. It is very hardy, and will thrive where many other trees will hardly grow. In the spring it is covered with a dense mass of blossoms, making it invaluable for a decorative plant anywhere. It bears enormous quantities of fruit, ripening late in the season, and which are extra fine for jelly making purposes. Each 3-4 feet. 75c.

CURRENTS

Currents are hardy, very prolific, and their qualities for jelly making appeal to every housewife. Our stocks are good—in the best possible condition. Can be grown where scarcely any other fruit can or will mature.



Current (Perfection)

Perfection—This is perhaps the very best variety of Red Current that was ever introduced. It is a prolific yielder, with a rich sub-acid flavor. The fruit being very "pulp" and contains but very few seeds. Our stocks of this valuable small fruit are unsurpassed, and we strongly recommend this variety to be grown both for commercial and home use.

Red Cherry—Very productive, color a bright red, in profuse clusters. Large fruit—fine for jelly making.

North Star—Fruit borne on naked stems, quality rich and mild, good red color. The strongest grower of all red varieties.

We strongly recommend sending all trees and shrubs by express.

CURRENTS—Continued.

Fay's Prolific—Fruit average, bright red color, thin skin. Very productive.

White Grape—The best white variety, of very bushy habit of growth yielding large quantities of large white fruit.

NOTE—Owing to the attacks of White Pine Blister rust in the Northwest, we are requested by the U. S. Forestry and Agricultural Department not to offer the Black varieties of currents for sale.

PRICES—1 year 25c, Doz. \$2.25; 2 year 50c, doz. \$5.00. We strongly recommend the 2 year size.

GOOSEBERRIES



Gooseberry

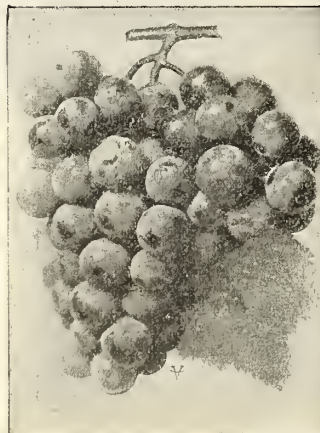
Gooseberries grow and fruit exceptionally well in Montana, and should be far more grown than is the case. They yield enormously, and for preserving and pie making are unexcelled.

Houghton—One of the old varieties tried and tested for years. A strong grower and an annual bearer of fruit of fair size.

Oregon Champion—A splendid green variety, hardy, of good size and flavor. This variety is more generally grown on the Oregon fruit farms than any other, for market purposes.

Columbus—Hardy and large, and we have grown it for years in unsheltered positions. Each 50c, doz. \$5.00. Each postpaid 65c, doz. \$6.00.

GRAPES



The following varieties are among the hardiest.

Campbell's Early—An improved Concord of good quality.

Concord—The most popular, very hardy, vigorous, and productive.

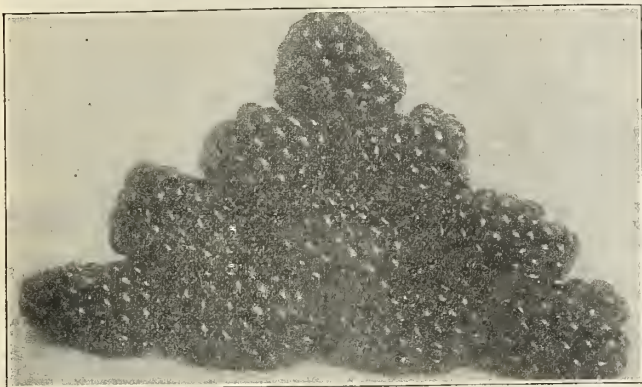
Beta—A hardy northern hybrid, deep purple in color, medium size, and considered one of the best varieties for jelly and similar uses. Vigorous grower, does well anywhere and is especially adapted to the northern states.

Each postpaid 50c.

If wanted by parcel post add 25% for postage and packing.

Blackberries 'a Profitable Crop

Blackberries are among the best known and most valued of our berries. No fruit of any kind is more wholesome. A liberal use of berries and other fruit will save doctor's bills. Blackberries should be planted in every home garden; as a money-maker they cannot be beaten; they are easily grown and succeed on any and all the different kinds of soil.



Ambrosia Blackberry

AMBROSIA BLACKBERRY

Ambrosia—The earliest Blackberry in cultivation, ripening 10 days before other early varieties; ripening with the earliest raspberries and before all the strawberries are gone. Berries extra large, long, meaty, sweet, mild, of exquisite flavor and surpassing quality; rich in sugar and free from the bitter taste contained in most blackberries; firm texture; compact and free from any hard core, seed small and so soft that the whole berry melts in one's mouth while eating. Berries hang in large, long clusters more like grapes, easily picked, do not scald, rust or blight, and hold their large size through entire season. Berries very attractive and fine for the table, pies, jelly, jam and blackberry juice. Canes are absolutely always and everywhere hardy, thrifty and enormously productive. Price \$1.50, per doz. postpaid.

Snyder Blackberry—Very productive and hardy; fruit sweet and juicy. Ripens early.
Dozen \$1.00, postpaid \$1.25.

RASPBERRIES



Raspberries are a splendid small or bush fruit for Montana. As a rule they are hardy, very prolific and require but comparatively little care to produce splendid fruit.

King—This raspberry is one of the very best of the red raspberries. It is very hardy, and yields enormously. In our nurseries it has proven to be one of the very best we have yet found. The fruit is large and luscious, and will ship well. It is not considered as an everbearer—but with us it certainly yields as much fruit as some of those so classed.

Marlboro—A large sweet red variety and a strong grower.

Gregg—The best of the black raspberries, and a splendid yielder. This is the variety of black raspberry generally grown for market purposes.

Any of the above three varieties—\$1.00 per doz. postpaid.

EVERBEARING RASPBERRIES

St. Regis—Everbearing red.

This is perhaps the best known of the everbearing type, and has proven well adapted to general Montana conditions. We have excellent reports on this variety from the western part of the state to the southeastern. Well worth a trial. A very prolific yielder of delicious flavor.
Per doz. \$1.25, postpaid.

Pamphlet on **CULTURE OF BUSH FRUIT and STRAWBERRIES**
Free—on Application

STRAWBERRIES

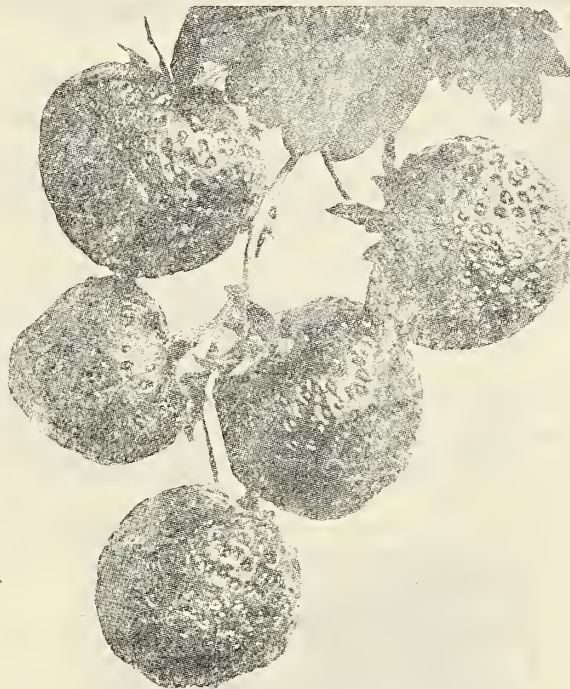
Pamphlet on Strawberry and Bush Fruit Culture **FREE**, on **APPLICATION**

The fruiting plant that stands the severe conditions of Montana's climate with splendid credit to itself is the Strawberry. For the space it occupies in the garden it is hard to find anything to equal it and our patrons show a constantly increasing appreciation of this fact.

Strawberries are either Perfect or Imperfect flowered. Imperfect flowered varieties must be planted in alternate rows with Perfect flowered varieties. We list none but Perfect Flowered Varieties.

We desire to call especial attention to the Everbearing varieties quoted. They should prove of more than usual merit for both home culture and market purposes. About 8,000 plants to the acre.

We do not recommend fall planting in Montana.



EVERBEARING STRAWBERRIES

This type of Strawberry is becoming a great favorite in the northwest. Their extreme hardiness, combined with their long bearing season, make them doubly valuable.

Progressive—One of the first of this type to be introduced, and is still considered one of the best. It is extremely hardy, very productive, bearing well formed berries of a most delicious flavor. This variety is more generally grown than all others in Montana, and is equally valuable for the home garden or the commercial grower.

Superb—Another good variety, superb not only in name but in every good quality which goes to make a fine strawberry. Perfect flowering.

STANDARD TYPE VARIETIES

Senator Dunlay—Hardy, strong grower, prolific plant-maker, good bearer of firm berries that stand transportation well. The best early mid-season berry for Montana and more generally planted than any other. Perfect flowering.

Wm. Belt—No berry sufficiently hardy to stand our high elevation is equal to this in flavor. Plants are good sized and productive. A splendid mid-season berry sure to please all who grow it and who like fine fruit. Perfect flowering.

PRICES

Any of the above varieties \$2.00 per 100 postpaid.

Any of the above varieties \$9.00 per 500 postpaid.

Any of the above varieties \$15.00 per 1000 postpaid.

(Not less than 25 of a kind supplied)

VEGETABLE PLANTS

TOMATO PLANTS

With the exception of the higher altitudes, they can be readily grown and with success. As a staple article, they should be grown far more than they are, large as is the quantity now planted. As in older sections of the country in most parts of Montana, it is now found practical to grow sufficient quantities of this delicious and healthful fruit for canning purposes, as well as for fresh table consumption.

Number of plants required per acre—staked or upright method, 3 feet in the row and 5 feet between rows—2904.

Pamphlet on The Growing of Tomatoes—free on application.

Pot grown plants while more expensive are far more satisfactory, and when only a few are to be planted, we strongly advise the pot grown, as they will under normal conditions produce far more fruit and produce it earlier, a most decided advantage in regions where early frosts prevail.

The following varieties are best suited for our climate.

John Baer—One of the earliest varieties for Montana, of splendid color and flavor. A heavy yielder and good sized fruit.

Bonny Best—Another good early sort.

Earliana—Fruit large.

Market King—A new variety that has met with much favor. A medium sized fruit, and a heavy cropper.

Orange Sunrise—One of the best yellow varieties yet introduced. A free fruiter of medium size.

Alpha Pink—The earliest pink tomato in cultivation.

Avon Early—One of the first to produce ripe fruits. Very attractive, solid, nearly round and smooth with thick meat, few seeds, and practically coreless. Especially useful as a home crop variety, and extremely valuable for the market gardener.

Tomato Plants—Any of Above Sorts

Dozen, 3 inch pot grown plants	\$1.00
Dozen, 3 inch pot grown plants, postpaid	\$1.25
Dozen, 4 inch pot grown plants	\$2.00
Dozen, 4 inch pot grown plants, postpaid	\$2.50
Dozen from boxes, 50c; 100	\$3.00
Dozen, from boxes, postpaid, 65c; 100	\$3.25

Through the kindness of the U. S. Department of Agriculture we have been favored with some varieties of **rust resistant tomato seed** for trial in our garden. Though we shall not have a great many plants we shall be pleased to send one plant to each of our tomato customers so long as they last, asking them at the end of the season to report on same.



John Baer Tomatoes

Grown by Mr. E. R. Sheppelmann—Savage, Montana

GARDEN ROOTS

Asparagus Roots

Asparagus is today one of the most used vegetables. It is very easily grown, and a bed when once established will more than repay any housewife who loves to have this delightful vegetable for her table in the early spring, and also for canning for winter.

Palmetto—Early and of excellent quality.

Dozen, 1 year old	25c, 100 \$2.00
Dozen, 2 year old	50c, 100 \$3.00
Dozen, 1 year old postpaid	45c, 100 \$2.40
Dozen, 2 year old postpaid	60c, 100 \$3.60

Washington Rust Resistant—A new variety, above all others in size, vigor, quality, tenderness.

Price—One year old stock only.

Dozen 35c, postpaid 50c; 100 \$2.50, postpaid \$3.00.

For a home garden plant asparagus roots 18 inches apart in rows 2½ feet apart, 100 roots for a patch 20x20 feet. 5000 to 7000 roots will plant an acre.

CHIVES (Snitlauch)

Small, hardy perennial plants, resembling the onion in appearance and growing in clusters. They are grown for the young leaves, which are produced from early in the Spring throughout the summer. They give a mild onion flavor to sausages, salads and various dishes. As soon as the tops appear in the Spring they can be shorn off close to the ground, as needed. There should be a root in every garden.

Each	15c, doz. \$1.50
Postpaid	25c, doz. \$1.75

EGG PLANT

Ready May 20th.

Each	10c, doz. \$1.00
Each postpaid	20c, doz. \$1.25

HORSE RADISH

(Nice Roots)

Each	10c, doz. \$1.00
Each Postpaid	15c, doz. \$1.25

MINT

Spear—For mint sauce and flavoring.

Each	20c, doz. \$2.00
Each postpaid	25c, doz. \$2.25

PARSLEY

A valuable herb greatly used for seasoning and garnishing.

Each	10c, doz. \$1.00
Postpaid	20c, doz. \$1.25

PEPPER

Ready May 20th.

Large Bell or Bull Nose—The variety for Montana.

Large early variety. Flesh is thick, of a mild flavor and of a shape that is desirable for filling, prepared in which manner they are delicious. Good bearers, excellent for home and market.

Cayenne Long Red—The real red hot kind, very prolific.

Dozen	50c, 100 \$5.00
Potpaid	65c, 100 \$5.50

RHUBARB (Pieplant)

33 to 100 ft. of row. 5000 to acre. 5x3 feet.

Requires a deeply cultivated and thoroughly manured soil—the more the manure the better the stalks.

Very easily grown and becoming yearly in greater demand. No housewife can afford to be without it. Our **MONARCH** strain is not surpassed by any for its fine grain, its early propensity and delicious flavor. Excellent for pies and sauces and of great value for canning for winter use.

Rhubarb can be cured for winter use by cutting the stalks into small pieces; stringing them and exposing to the sun until perfectly dry. Keep in a dry place.

S. N. & S. Co.'s MONARCH—Large red stems.

Each 2 years old	25c, doz. \$2.50
Postpaid each	35c, doz. \$2.75

If wanted in quantities—write for prices.

SAGE

A valuable herb greatly used for seasoning.

Per doz. 50cpostpaid 65c

State Nursery and Seed Co.,
Helena, Mont.

Como, Mont., Dec. 29, 1925

Dear Sirs:—I received the Cyclamen I ordered from you some time ago and I want to tell you how pleased I am with it. It came thru in perfect condition and is certainly lovely. It is blooming fine and has many more little buds. It made a lovely gift.

Sincerely yours,

E. L.

For Tomato blight or Brown Leaf Spot—Use Bordeaux Mixture.
Use Slug shot for worms

CABBAGE PLANTS

With perhaps the exception of the extremely high altitudes, Montana can produce as many pounds of this necessary vegetable to the acre as almost any state in the Union. To secure the best and quickest results irrigation is necessary on dry lands. Too much water, will, however, result in "splitting." The varieties we offer are those which have proven the best both in weight and quality for this section.

Early cabbage 10,000 to 12,000 plants per acre.

Late cabbage 6,000 to 8,000 plants per acre.

The following cabbage plants will be ready from about May 1st on and can be successfully planted to the middle of June.

Copenhagen Market—Earliest and best Round Head Cabbage.

Early Varieties—Pointed Head Varieties.

Late Varieties—Ready from May 1st. Round or Flat Heads State which you wish.

Hundred	\$1.00; 1,000	\$7.50
Hundred postpaid		\$1.15
Fifty, 50c		postpaid 65c
Twenty-five, 30c		postpaid 40c
Doz, 15c		postpaid 25c

Red Cabbage—The most solid of the Red Pickling varieties, sure heading and tender.

Savoy Cabbage—The finest solid heading Savoy, plants being strong and vigorous and withstands the ravages of the Cabbage worms better than other sorts.

Hundred	\$1.50
Hundred postpaid	\$1.65
Fifty, 75c	postpaid 90c
Twenty-five, 40c	postpaid 50c
Doz, 20c	postpaid 30c

CAULIFLOWER

Ready May 15

50 plants per 100 ft. of row. 8,000 plants per acre 3ft.x2ft. Cauliflower grows splendidly in Montana. A money making crop in favored sections.

S. N. & S. Co.'s Snowball—For Fall and Winter use.

Hundred	\$1.25; 1,000	\$8.00
Hundred postpaid		\$1.40
Fifty, 65c		postpaid 80c
Twenty-five, 40c		postpaid 50c
Doz., 20c		postpaid 30c

CELERY

14,000 to 15,000 Plants to the Acre. 100 to 100 ft. of row.

S. N. & S. Co.'s White Plume—For Fall and Winter use. Self blanching.

S. N. & S. Co.'s Self-Blanching—Early, solid, crisp, delicious flavor.

Hundred, either variety	\$1.25; 1,000	\$10.00
Hundred postpaid		\$1.40
Fifty, 70c		postpaid 85c
Twenty-five, 50c		postpaid 65c
Doz., 25c		postpaid 30c

CUCUMBER

Ready May 20

The demand for our specially pot grown cucumbers has made rapid strides. We grow from 3 to 4 in a pot, sufficient for a hill and should not be divided, but set out as received. All plants are shipped in paper pots.

We have splendid White Spine and Long Green varieties.

From pots, each, either kind	15c, doz.	\$1.50
Postpaid	25c, doz.,	\$1.75

Frost-Proof Cabbage Plants

WILL MATURE HEADS TWO TO THREE WEEKS EARLIER THAN YOUR HOME GROWN PLANTS AND DOUBLE YOUR PROFITS.

We are featuring the above this season at the request of numerous customers. We can give no information gathered from our own experience but we feel certain from results obtained in other northern states that the plants will do all that is claimed for them. We are listing only those varieties which we feel will do best here.

These FROST-PROOF CABBAGE PLANTS will stand a temperature of 20 degrees above zero without injury.

The top of the plant does not grow until your regular spring weather opens up, but the roots grow from the time they are planted, and just as soon as spring weather starts, the established root growth assimilates the fertilizer in the soil, the plants grow very fast, maturing headed cabbage two to three weeks sooner than you can mature them from hot bed and cold frame plants.

To get the advantage of these frost-proof cabbage plants they must be planted a month or six weeks earlier than you would plant home-grown plants. We fill orders from March 1 to May 1.

The plants when received will be yellow and somewhat wilted and have hard stunted appearance, which will be disappointing to persons who have never used these plants before. Regardless of appearance, they will produce the crop results.

VARIETIES: Early Jersey Wakefield, Copenhagen Market, Early Flat Dutch, Late Flat Dutch and Holland

Prices by parcel post, postage paid: In lots of 100, 200, 300, or 400 plants any variety at \$1.00 per 100 plants; 500 for \$3.00; 1,000 for \$4.50.

For 2500 or more write for special prices. Plants ready from March 1 to May 1. Give your orders early stating time of delivery.

Order Early to Get Plants Delivered in Time

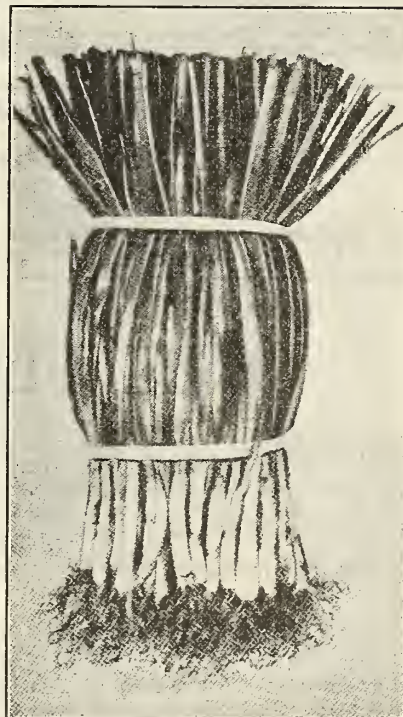
When we receive your order for these plants, we have to forward it to the growing station in Texas, which takes several days. Plants are shipped direct to you from growing station. Plants cannot be pulled or shipped when beds are wet. The growers sometimes have a week or ten days of continued wet weather which prevents shipment. If you do not receive your plants as soon as you expect them, you will know that weather prevents shipment. Send your order two or three weeks before you expect to set the plants and you will get them on time.

ONIONS

It has now been clearly demonstrated that Onions THAT WILL KEEP can be successfully grown from plants thus enabling small growers to obtain a supply that can be stored during winter. We fill orders of 500 lots in two or three varieties without extra charge.

VARIETIES: Prizetaker, Yellow Danvers, Yellow Bermuda. Prices: \$1.00 per 100 postpaid; \$3.00 for 500 postpaid; \$4.50 for 1,000.

For 2500 or more write for special price.





The above photograph is an exhibit of cut flowers staged by us at the MONTANA STATE FAIR. There were some 200 different varieties of flowers in the collection, and it was, with the large stand of potted plants, one of the chief attractions.

"SAY IT WITH FLOWERS"

By wire for
 Congratulations, Well Wishes, Affection, Joy,
 Sympathy, Good Cheer.
 Remembrances

Birthdays, Weddings, Anniversaries, Holidays,
 Family Gatherings and Convalescing Days.

FLORISTS TELEGRAPH DELIVERY ASSOCIATION

Through the above we can deliver plants or flowers
 anywhere, anytime at no additional expense except the
 cost of the telegram.

Send flowers to friends in distant cities by this
 method. The service will please you.

CUT FLOWER DEPARTMENT

Our Cut Flower Department is one of the most complete and fully equipped of any firm in the Northwest. It is in charge of capable and artistic florists who have at their command the output of our large plant, from our fifty-five green-houses extending over 5 acres, one of the largest in the Northwest. We wish to assure our customers that our great aim is to produce flowers of the highest quality; that our work will be finished in an artistic manner and put up by experienced packers, so that we feel that we can guarantee delivery of our flowers in the best possible condition.

When time is limited, it is always best to use either phone or telegraph, so as to enable us to make proper delivery of the order.

Our customers at a distance will obtain from these pages some idea of what we have to offer, and we can always be relied upon to furnish the latest and most appropriate designs in anything floral, for any occasion whatever.

For flowers of any description, telegraph, or phone 327, Helena, Montana, any time before 6:00 P. M. After 6:00 P. M., telegraph the State Nursery and Seed Company, Helena, Montana, and we will guarantee satisfaction.

NOTE—Postpaid prices—where quoted—cover not only actual postage but the cost of packing, etc., ready for shipment. These prices cannot be deviated from on mail (parcel post) shipments.

Weddings

At formal weddings, flowers always play a very important part. Having at all times a large production of flowers under glass a choice selection for wedding bouquets are always available.

Brides bouquets are usually "showered" while those for bridesmaids have short ribbon decorations. When we furnish bridal bouquets our patrons may depend upon getting the same in styles dictated by the latest fashions. When ordering bouquets for bridesmaids it is well, if possible, to make known the shades of the dresses these ladies are to wear.

Shower Bouquets—Composed of Orchids, Bride Roses or other seasonable flowers. Price \$10.00 to \$35.00.

Bridesmaids Bouquets—In colors to correspond with the ladies' gowns. Price \$5.00 to \$25.00.

Prices naturally vary depending upon the desire of the customer as to the content, arrangement etc., of the bouquet.

Corsages

We also make up corsages of Orchids, Violets, Roses, or other seasonable flowers. Price \$2.50 to \$10.00.

For Anniversaries, Birthdays, etc., we carry the latest novelties in baskets, ferneries, jardinières, horseshoes, etc., from \$1.50, up.

A Postcard will bring any of our special folders which we issue at Christmas, New Year, Easter, Mothers' Day and Decoration Day.

Cut Flowers

	Per Doz.
Red, pink, white and yellow Roses	\$3.00—\$5.00—\$7.50
Carnations	\$1.50 and \$2.50
Violets, per bunch	\$.25 and \$.50
(Season Nov. to April)	
Chrysanthemums, choice yellow, pink & white	\$3.00 \$5.00 & \$7.50
Fancy Single Chrysanthemums	\$2.50
Pom-Pon Chrysanthemums	\$2.00
(Season Oct. to Dec.)	
Daffodils	\$2.00
(Season Jan. to April)	
Tulips	\$1.50 and \$2.00
(Season Feb. to April)	
Narcissus	\$1.50
(Season Feb. to April)	
Gladiolus	\$3.00 and \$5.00
(Season May to Oct.)	
Asters	\$1.00
(Season July to Oct.)	
Peonies	\$2.00 and \$3.00
(Season June)	
Orchids	each \$1.50
Easter Lilies	\$3.00
(Season April to June)	
Calla Lilies	\$5.00
(Season Oct. to May)	
Fern Leaves	\$.25
Maiden Hair Fern per doz. sprays	\$.75
Asparagus Sprengeri per doz. sprays	\$.75

\$3.00
OUR BOUNTIFUL BOX
\$3.00

Contains a selected assortment of seasonal flowers arranged in gift form for any season of the year
A Very Popular Present

SPECIAL BOXES CUT FLOWERS

We take great pride in our Box Assortments of freshly cut flowers and in this particular specialty every box will be found to contain nothing but choice, seasonable flowers of the highest grade possible, all packed artistically and sent ANYWHERE EXPRESS PREPAID.

\$5.00
\$7.50
\$10.00

BEREAVEMENT

No word of mouth or stroke of pen can carry that message of heartfelt sympathy which flowers so suitably express.

We can at very short notice furnish any kind of design or emblem and all our productions will be found to be not only artistic and true to sentiment but containing also that touch of distinctiveness which makes them different.

Funeral Sprays (all arranged with a good foundation of green) from \$2.50 and up.

Emblems such as wreaths, pillows, etc., from \$5.00 and up.

EMBLEMS OF FRATERNAL ORGANIZATIONS

Prices range from \$5.00 to \$25.00 each. When ordering state amount you wish to pay and we will guarantee satisfaction.

We wish all our customers and friends in times of emergency to feel free to order from our Cut Flower Department when orders will be filled promptly and the account rendered in the usual way.

State Nursery and Seed Co.,
Helena, Mont.

May 1925.

Gentlemen:—Thank you for the beautiful flowers which reached me for Mothers' Day. They came in the most perfect condition. I never opened a box of flowers in better or as good shape.

Yours truly,

B. C., Kalispell, Mont.



FLOWER SEEDS

ALL FLOWER SEEDS ARE POSTPAID

Annuals—Bloom first year from seed and die after one season.
Biennials—Bloom second year from seed and plant dies after second year.
Perennials—Bloom second year from seed and plant lives and blooms for several years.
Tender—Means plants will not stand the least frost.
Half-Hardy—Means plant will stand a little frost and needs protection.
Hardy—Means plant will stand considerable frost.

ABRONIA UMBELLATA—(Sand Verbena)Pkt. 5c
 Very pretty trailing plants with numerous clusters of sweet-scented flowers. Rosy lilac, with white eye. Does well in light soil. Annual.

ACROLINIUM—(See Strawflower).

AFRICAN GOLD DAISY—(Dimorphotheca Aurantiaca)
 The single daisy-like flowers are 2½ inches in diameter, and of a unique glossy terra cotta orange, which brilliant coloring is rendered the more conspicuous by the dark disc surrounded by a black zone. The plants grow from 8 to 12 inches high and are very profuse flowering, especially in dry situations. Hardy annual. Pkt. 10c, ¼ oz. 40c.

AFRICAN BLUE EYED DAISY
 Easily grown from seed, each plant quickly forms a bush 2 to 3 feet across, with silvery white deeply cut foliage. The daisy-like flowers measure 2½ inches across. They are silvery white with a sky-blue eye surrounded by a narrow yellow zone. The under part of the petal is lilac-blue. Borne on long stems above the foliage. One of our most attractive annuals. Pkt. 10c, ¼ oz. 35c, oz. \$1.00.



Alyssum (Little Gem)

Little Gem or Carpet of Snow—Three to four inches high; fine for borders. Pkt. 10c, ¼ oz. 25c, oz. 75c.

Lilac Queen—Hardy Annual. Deep lavender lilac.

ALYSSUM SAXATILE COMPACTA—or (Basket of Gold)—A hardy dwarf perennial, very useful for rockwork, literally covering itself with yellow flowers. Blooms first season if sown early indoors.

AMMOBIUM—(See Strawflower).

ANCHUSA ITALICA. Dropmore Variety—One of the most valuable of the recent introductions in hardy plants. The plants are very vigorous, the rough leaved stems growing to a height of five feet. The flowers are a beautiful, clear, bright blue, and are freely produced all summer, making a most striking plant in the hary border.

Pkt. 10c¼ oz. 50c

ALYSSUM

(Maritimum)

Sweet Alyssum

Pkt. 5c, ½ oz. 20c, oz. 35c.

Six to eight inches high. A fragrant hardy, annual, bearing spikes of small white flowers in great profusion throughout the summer and autumn. Useful for border or early bedding flowers. Sow the seed early in spring.

Little Dorrin—Pkt 10c, ¼ oz. 25c, oz. 75c.
 A novelty of late introduction, of dwarf and very bushy habit. Exceedingly useful for border and cemetery purposes.



Ageratum (Blue.)

AGERATUM

(Floss Flower)

Blue Perfection. Pkt. 5c, ¼ oz. 30c

A hardy annual of easy culture, especially valuable for bedding, as it is literally covered with blossoms all summer. They make fine house-plants in pots during winter time.

AMARANTHUS TRI-COLOR—(Joseph's Coat)—Mixed Pkt. 5c, ¼ oz. 25c. These plants afford brilliant contrast of colors, being useful for borders and groups; also, where foliage effects are desired. The leaves and stems are of different shades of red, blended with green. Half-hardy annual.

ANTIRRHINUM (Snapdragon)

Tall Giant Flowering Varieties.

Antirrhinums in recent years, have become very popular, they are very satisfactory for borders, bedding, pot culture, for house decoration, 2 to 3 feet, bearing long spikes of large flowers.

Giant Rose PinkPkt. 10c
Giant YellowPkt. 10c
Giant WhitePkt. 10c
Tall Giant Mixed, pkt. 5c¼ oz. 35c

Half Dwarf Large Flowering Varieties

A splendid type growing about 18 inches high, especially valuable for bedding and cutting purposes.

Daphne, Soft Blush PinkPkt. 10c
Defiance, Fiery ScarletPkt. 10c
Firebrand, Scarlet, Yellow Lip.....Pkt. 10c
Golden Queen, Rich Pure Yellow.....Pkt. 10c
Mont Blanc, Pure WhitePkt. 10c
Rose Queen, Rose pink, Yellow Lip.....Pkt. 10c
Collection of above six varieties.....50c
Half Dwarf—Choice mixed, Pkt. 10c, ¼ oz 40c

ANGEL'S BREATH—(See Gypsophila.)

Snapdragon



S.H.CO.

Asparagus Plumosus

ASPARAGUS—(Plumosus Nanus)—Pkt. (25 seeds)25c
 An indoor perennial climber, of wonderful beauty. Bright cheerful fern-like green.

ASPARAGUS—(Sprengeri) (Emerald Feather) Pkt. 25 seeds 15c
 Adapted to suspended baskets; 1 to 4 feet. An excellent trailing house plant, as it withstands a dry atmosphere and succeeds everywhere. Remains fresh a long time after cutting.

AQUILEGIA—(See Columbine.)

ASPERULA—(Azorea)—BluePkt. 5c, ¼ oz. 25c
 Grown for its fragrant leaves and stems, when dried have a sweet odor, and are used for putting among clothes, etc.

ASPERULA TINCTORIA—(Sweet Woodruff) Pkt. 10c, ¼ oz. 30c.
 An old-fashioned fragrant hardy perennial plant, greatly loved for its fragrance when dried, resembling the sweet odor of new mown hay. Bears small white flowers. Eighteen inches.

ASTERS

As a popular flower the Aster ranks with Sweet Peas, Pansies and Nasturtiums. No flower is more popular, and few have held a place in popular esteem for so many years and it is still growing in favor. Hardy Annual. For an autumn show of flowers, we have not its equal. We offer only Asters of superior quality.

ASTER—Queen of the Market

Very desirable on account of earliness as well as profuse blooming. The plants are somewhat compact but of branching habit, bearing on long stems from ten to fifteen finely formed double flowers of medium size. The blooms, although rather flattened and not so large as those of the late sorts, are fine for cutting. Blooming in latter part of July.

Bright Pink	Pkt. 10c	Lavender	Pkt. 10c
Purple	Pkt. 10c	Rose	Pkt. 10c
Pure White	Pkt. 10c	Mixed, ¼ oz. 50c	Pkt. 10c
Collection of five packets, one each of the above			

EARLY WONDER OR EXTRA EARLY EXPRESS

These are the earliest Asters in cultivation, flowering middle of July if seed is sown in March. The flowers are of good size, quite double, borne on good long stiff stems, making them of great value for early large blooms.

White	Pkt. 15c	Dark Blue	Pkt. 15c
Pink	Pkt. 15c	Finest Mixed	Pkt. 15c
Any of the above varieties			



AMERICAN LATE BRANCHING

This type bears flowers of extraordinary size, on long strong stems, from twenty to thirty inches in height. Of very strong growth, coming into bloom in August. Flowers large and double. Considered by many the most satisfactory Aster grown, for all purposes.

Azure Blue	Pkt. 10c	Purple	Pkt. 10c
Crimson	Pkt. 10c	Rose	Pkt. 10c
Lavender	Pkt. 10c	Pink	Pkt. 10c
White	Pkt. 10c	Shell Pink	Pkt. 10c
Finest mixed			

GIANT COMET BRANCHING

Known also as the Ostrich Plume Asters. A strong growing form, bearing profusely large flowers. The petals are re-curved, and toward the center of the bloom are twisted and curled. Height two feet. A most desirable type.

White	Pkt. 10c	Pink	Pkt. 10c
Rose	Pkt. 10c	Purple	Pkt. 10c
Lavender	Pkt. 10c	Blue	Pkt. 10c
Crimson	Pkt. 10c	Mixed ¼ oz. 55c	Pkt. 10c
One pkt. each of the above seven colors			

CREGO'S GIANT

Considered by many the finest of the Aster family, producing immense flowers, often measuring 5 inches in diameter, and of a fluffy texture. The petals of the flowers are most attractively curved and twisted, resembling in looseness an astrich feather. They retain their pristine beauty when cut for a long time. Twelve to fourteen inches.

White	Pkt. 15c	Pink	Pkt. 15c
Lavender	Pkt. 15c	Finest mixed	Pkt. 15c
Crimson	Pkt. 15c	¼ oz. any above colors	65c
One packet each of three colors			



KING ASTERS (Needled Type)

The magnificent class of Aster is different from all others. The long narrow petals are folded lengthwise, appearing as if quilled. The flowers are of great size and substance, and last longer when cut than those of any other class. Bloom in August. 18 to 24 inches.

Crimson King	Pkt. 10c	Rose King	Pkt. 10c
Lavender King	Pkt. 10c	White King	Pkt. 10c
Pink King	Pkt. 10c	Violet King	Pkt. 10c
Any of above named varieties			
King Asters, mixed pkt. 10c			

Four of the most popular ASTERS ever introduced!

ASTER—Heart of France

The best red Aster ever introduced. The petals are of a velvety texture and a warm-glowing color which is retained to the end. One distinctive feature is that in any light, either natural or artificial, the color is the same beautiful, rich red. Heart of France keeps indefinitely when cut, and the stems are long and strong. Pkt. 15c, ¼ oz. 50c.

ASTER—Lavender Gem

One of the most beautiful Asters. It is of true Comet type, with large, artistic, loosely-arranged flowers on long, wiry stems, and of the most charming shade of lavender imaginable. Begins blooming in July, continuing through August; a lovely variety for cutting. Pkt. 15c, ¼ oz. 50c.

ASTER—Peerless Pink

This is conceded to be the finest pink late-branching Aster ever offered. The plants are of robust, free-branching habit, and it is hard to find a flower under four inches across, and many measure five inches by two and a half in depth, forming an almost globular flower. Pkt. 10c, ¼ oz. 40c.

ASTER—New Fancy Yellow

There has been a great deal of advertising about wonderful "Yellow" Asters. As far as we know there isn't as yet any really good true yellow Aster. Of the many varieties we have tried we find this to be the best we know of. It is of medium size and a good grower with flowers of a straw yellow color. It is an interesting novelty and one well worth including in your collection. Pkt. 15c, ¼ oz. 50c.

ASTER—or Michaelmas Daisy—(Hardy Perennial)

Hardy, handsome flower of easy culture, appearing at a time when flowers are scarce; make attractive garden display as well as cut flowers. If seed is sown indoors very early and seedlings set in open as soon as large enough to handle, they will bloom the first season. Do best in sunny location. Height 2 to 3 feet. Mixed, Pkt. 15c, ¼ oz. 50c.

ASTERS—Finest mixed. All colors

BALSAM—(Double Mixed)—Pkt. 5c ¼ oz. 25c
Balsams like hot sun, rich soil and plenty of water. Plant 12 to 18 inches apart. Transplanting two or three times has a tendency to dwarf the plant into a better shape and to make the flowers more double. Half-hardy Annual. Two feet.



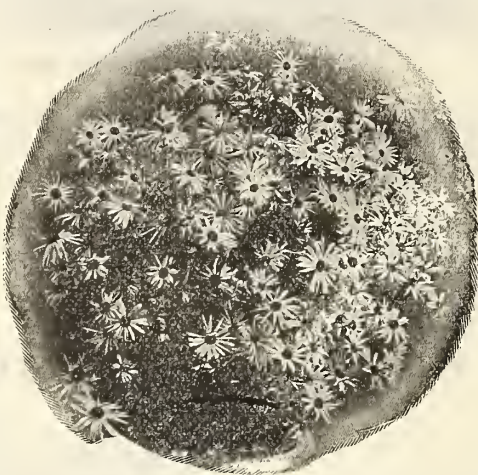
BALLOON VINE—
(Love-in-a-Puff)—
Pkt. 5c ¼ oz. 25c
A rapid growing climber; thrives in light soil. One of the prettiest climbers with dainty white flowers. Annual. Six to eight feet.

BARTONIA AUREA—
(Golden Bartonia or Blazing Star)—pkt. 5c.
One of the brightest garden flowers. It produces its large golden blossoms all summer in great abundance; 1 foot high. Hardy Annual.

BACHELOR BUTTON—(Centaurea Cyanus) (Cornflower or Blue Bottle)—Of the easiest culture and thrives well in any ordinary garden soil. The plants require lots of sunshine, air and moisture. Sow outdoors the middle of April. Blooms from June until frost. 15 to 24 inches tall.

Pink Pkt. 10c, ¼ oz. 25c
Blue Pkt. 10c, ¼ oz. 25c
White Pkt. 10c, ¼ oz. 25c
Mixed Pkt. 5c, ½ oz. 30c, oz. 50c

BEAN
Scarlet Runner
pkt. 5c, ½ lb. 25c, lb. 40c.
A favorite old fashioned climber. Both ornamental and edible. It grows rapidly to a height of ten or twelve feet, and is covered from July until frost, with clusters of beautiful scarlet flowers. Annual.



Brachycome or Swan River Daisy

BRACHY-COME—
(Swan River Daisy) Pkt. 5c, ¼ oz. 50c
A hardy Annual, growing from 8 to 10 inches high, producing an abundance of blue and white flowers. Excellent for border.

BABY'S BREATH—(See Gypsophila.)

BELLIS—(See Daisy.)

CALENDULA—Pot or Scotch Marigold

CALENDULA—Pot or Scotch Marigold—Showy and beautiful free-flowering annuals, of the easiest culture, doing well in any sunny position, blooming all summer and excellent for cutting and massing. It is best to sow them where they are to bloom, thinning out to stand 6 inches to 12 inches apart. By keeping the old flowers cut off the flowering season can be lengthened until late autumn.



Calendula

CALENDULA—METEOR—Lemon with Orange. Pkt. 10c, oz. 35c

CALENDULA—Prince of Orange—Rich Orange Red. Pkt. 10c, oz. 20c oz. 35c

CALENDULA—Lemon Queen—Pkt. 10c, ½ oz. 20c, oz. 35c.

CALENDULA—Orange King—Very large, double, glistening orange flowers, borne abundantly throughout the season. Pkt. 10c, ½ oz. 35c oz. 60c

CALENDULA—All colors mixed Pkt. 5c, ½ oz. 20c, oz. 35c

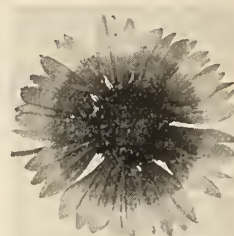
CALIFORNIA POPPY—(See Eschscholtzia.)

CACALIA—(Tassel Flower or Flora's Paint Brush) Pkt. 5c
A neat annual of easy culture with tassel shaped flowers; blooms from June to September; fine for borders. Golden yellow and scarlet mixed. Two feet.

CALLIOPSIS—Mixed Pkt. 5c, ¼ oz. 25c. Showy and beautiful free flowering annuals, blooming all summer and excellent for cutting and massing. Eighteen inches.

For **CALLIOPSIS—Perennial—**See Coreopsis.

CANARY BIRD FLOWER—(Tropeolum Canariense) Pkt. 5c, oz. 45c
A beautiful climber with curiously shaped blossoms. Will blossom freely from July until killed by frost. Tender annual. Sow in the house and transplant, or in open ground. Eight to ten feet.



Calliopsis

CANDYTUFT

CANDYTUFT—(Iberis Umbellata)—Among the most useful of perfectly hardy annuals, plants bear neat clusters of flowers very freely. A most attractive border and cut flower, blooming profusely in cool weather. Height 12 inches.

Pink Pkt. 10c
White Pkt. 10c
Crimson Pkt. 10c
Lavender Pkt. 10c

Fine Mixed Pkt. 5c, ½ oz. 20c, oz. 35c

Empress or Giant Flowered—White, large long spikes of bloom the best for cut flowers Pkt. 10c, ½ oz. 35c, oz. 60c

CANDYTUFT—Perennial—A favorite perennial bearing heavy trusses of pure white flowers. The plants are of dwarf growth, 12 inches high, and are wonderfully adapted for edging or rockwork. They also make a fine display planted in solid masses. Commences to bloom early in the season. Pkt. 15c, ½ oz. 45c, ¼ oz. 80c.

CANTERBURY BELLS—(Campanula Pyramidalis) Single mixed. Pkt. 5c ¼ oz. 30c
Handsome hardy biennial, of stately growth, rich color and profuse bloom. Should be given some protection in severe winter weather; colors: white and various shades of violet, rose, lilac and blue. Height two to four feet.

CANTERBURY BELLS—(Calycanthema) Mixed. Pkt. 15c ½ oz. 40c.
The new Cup and Saucer, larger and appear about two weeks earlier than those of the old type. A splendid plant for beds and pot culture. Perennial. Two feet.

CARNATION



Carnation—(Double)

CARNATION MARGUERITE

—This half-hardy perennial often blooms the first season from seed, and they are exceedingly valuable for bedding and pot culture. Very free flowering exceedingly fragrant, large flowered and double. Eighteen inches.

Red Pkt. 10c
White Pkt. 10c
Yellow Pkt. 10c
Mixed Pkt. 5c
¼ oz. 50c

CARNATION—Giant or Malmaison—Extra fine double mixed Pkt. 10c ¼ oz. 65c
This type is noted for its wonderful range of colors, and its free blooming qualities. Fully 70 per cent of the seedlings generally produce double flowers of large size. Half-hardy perennial.

CASTOR OIL BEAN—(Ricinus)—Mixed, Annual, pkt. 5c, oz. 25c.
The different varieties included in our mixture have light and dark green leaves and some of coppery bronze, changing to dark green with reddish ribs. Six to eight feet.

CATCHFLY—(Silene)—Mixed. Pkt. 5c
An easy growing free flowering annual plant, producing dense umbels of white, red or rose colored blossoms. The plant is partly covered with a glutinous moisture, hence the name "Catchfly". Hardy Annual. Two to three feet.

CELOSIA



CELOSIA CRISTATA—(Cockscomb)

CRISTATA—
(Cockscomb)

Splendid annuals for either pot culture or for the border. Well grown blooms often measure 12 to 14 inches, of a most brilliant color.

Empress—Rich crimson combs of mammoth proportions. Per pkt.10c

Dwarf Crimson—per pkt.10c

Aurea—Dwarf—Golden yellow, per pkt.10c

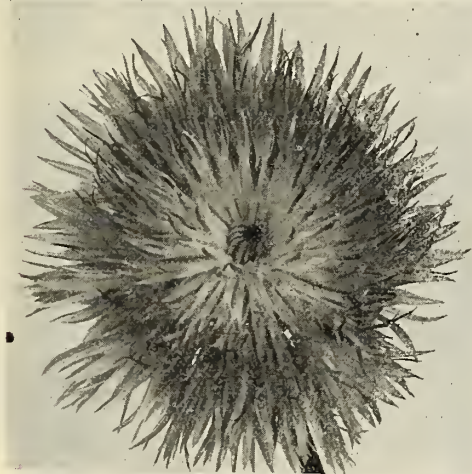
Dwarf—Finest mixed pkt.10c
¼ oz.40c

CELOSIA PLUMOSA—(Feathered Cockscomb) A splendid strain of the tall growing plumed Cockscomb forming great pyramids of huge crimson plumes.

C. Thompsoni Magnifica—CrimsonPkt. 10c
C. Thompsoni Magnifica—YellowPkt. 10c
C. Thompsoni Magnifica—MixedPkt. 10c, ¼ oz. 50c

CELOSIA CHILDSII—(Chinese Woolflower)

C. Childsii—A distinct form of the plumed Celosia. The plants average 2 feet in height, each shoot bearing beautiful ball shaped flower heads of a purplish crimson color, somewhat resembling a ball of wool. The flower heads retaining their full beauty and color until frost. A novelty which has attracted great attention. One of the finest cut flowers, its fine flowers keeping a long time in water Pkt. 5c¼ oz. 60c.



Centaurea Imperialis

CENTAUREA IMPERIALIS—(Royal Sweet Sultan)—A justly favorite annual, coming into bloom in July, and continuing until frost. Excellent for cut flowers.

WhitePkt. 10c **Rose**Pkt. 10c
LilacPkt. 10c **Blue**Pkt. 10c
Finest Mixed ColorsPkt. 10c¼ oz. 35c

CENTAUREA RUTHENICA—A tall growing perennial variety, with sulphur-yellow bloomsPkt. 10c

CENTAUREA CYANUS—(See Bachelor Button.)

CLARKIA—Beautiful hardy annual with rose colored, white and purple flowers, in delicate but very brilliant shades, is a popular garden and cut-flower plant, very showy in borders, hanging baskets or vases. They thrive equally well in partial shade or sun. 2 to 2½ feet, and are profuse bloomers. The blooms are abundant, in small leafy racemes, and opens well in water when cut. A fine annual for cool climate. Sow in light, warm soil, as early in the spring as the ground can be worked, or if planted in August they will bloom the following summer. Single and Double Mixed, pkt. 5c½ oz. 25c

CHRYSANTHEMUM

FRENCH MARGUERITES OR PAINTED DAISIES
ANNUAL VARIETIES

Those early blooming annual garden varieties of out-door summer Chrysanthemum are entirely different from the large flowered varieties grown by florists. Very showy and effective for bedding or borders, also desirable for cut flowers. Plants grow 12 to 18 inches in height, and produce single daisy-like flowers of many bright colorings.



Carinatum Eclipse—Golden yellow with a purplish scarlet ring on the center of the petals, the disc a dark brown. Very striking. Pkt. 10c, ¼ oz. 30c

Northern Star—Very large daisy-like flowers, 3 inches across, with pure white fringed petals with canary-yellow zone around a dark brown eye. Pkt. 10c ¼ oz. 35c

Tricolor—Single Mixed Pkt. 5c, ¼ oz. 25c, ½ oz. 45c.

CHRYSANTHEMUM

PERENNIAL VARIETIES

These are the well known perennial Chrysanthemums, grown greatly for the hardy Perennial border, of easy culture in almost any position and location.

Inodorum—Bridal Robe—A well known double white variety, fine for cut flowersPkt. 10c

Maximum—King Edward VII (Moonpenny Daisy)—Considered the finest fall single, with flowers of extraordinary size, of purest white, perfect form, and exceedingly free flowering, and borne on long stiff stalks well above the foliage. We recommend this excellent variety. Pkt. 10c¼ oz. 50c.

Maximum—Shasta Daisy (Alaska)—Very attractive large white flowers 5 inches in diameter; with very broad petals, and long strong stems. Excellent for cut flowers. Pkt. 15c¼ oz. 35c

PERENNIAL CHRYSANTHEMUM—See Illustration page 29.

COBEA SCANDENS—(Cup and Saucer Vine) Pkt. 5c, ¼ oz. 50c
A half hardy climbing annual, with large leaves and large trumpet shaped flowers, the blossom is green until nearly grown, when it turns bright purplish blue—grows about 20 feet high and is very desirable for covering a large lattice. A native of Mexico.

COLUMBINE—(Aquilegia)—Double Mixed pkt. 5c¼ oz. 40c
Of the easiest culture and when once established will furnish for many years a magnificent display of the handsomest flowers each spring and summer. The beds should be kept clear of weeds and given each year a liberal dressing of well rotted manure. Hardy herbaceous perennials; two to three feet high.

CONVOLVULUS MAJOR

(Tall Morning Glory)

A hardy climbing annual growing about 10 feet high. Flowers are well known and exist in a great variety of colors, tints and markings. Fully expanded only in the mornings. Of easy culture, quick growth and valuable in every garden.

RosePkt. 10c
WhitePkt. 10c
StripedPkt. 10c
CrimsonPkt. 10c
PurplePkt. 10c
BluePkt. 10c
1 pkt. each of the above six varieties50c
Tall Mixed—pkt. 5coz. 25c, ¼ lb. 75c



Morning Glory (Convolvulus Major Mixed)

CONVOLVULUS MINOR—Dwarf Morning Glory—A very early flowering annual with brilliant flowers. Of very easy culture. **Finest Dwarf Mixed**—pkt. 5coz. 25c

CONVOLVULUS—JAPANESE MORNING GLORY—See Ipomea.

COREOPSIS LANCEOLATA—A very hardy perennial, blooming the first year and producing on long stems a succession of rich bright yellow flowers two to three inches across. Very valuable for cutting. Seed may also be sown in fall outdoors. About two feet. Pkt. 10c¼ oz. 35c

COSMOS

This well-known, popular annual has earned a place in the flower world because it bears large, beautiful flowers in late summer and autumn when flowers are scarce. We are proud of our Early-flowering Cosmos, especially selected for earliness and size of bloom. It grows so rapidly that seed can be sown out of doors where plants are to grow. In a few weeks the plant will be covered with a mass of large, beautiful flowers, and will continue to bloom until frost. The flowers of this excellent strain are fully as large and beautiful as the very best late flowering kinds. When the plants are about a foot high, they should be pinched out to induce a bushy growth. They prefer a light, dry, sandy or poor soil, not too rich. Cosmos should have a sunny situation.



COSMOS—Early Flowering

Early Flowering—Pink	1/4 oz. 30c, Pkt. 10c
Early Flowering—Crimson	1/4 oz. 30c, Pkt. 10c
Early Flowering—Pure White	1/4 oz. 30c, Pkt. 10c
Early Flowering Mixed—Pkt. 5c, 1/4 oz. 25c	1/2 oz. 45c

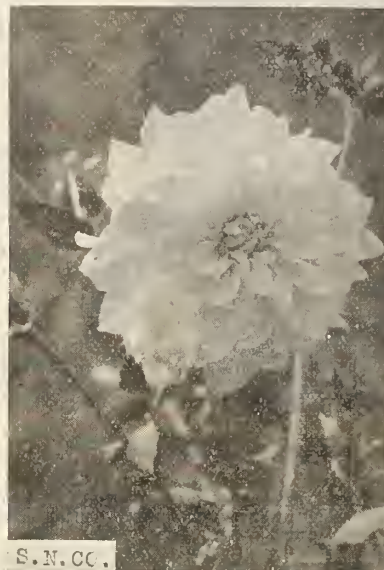


COSMOS—Early Double Crested

This new type of Cosmos is unique and exceedingly pretty. The flowers are of good size, with full double centers and an outer row of broad ray petals. The plants are vigorous, attaining a height of 4 feet, and are covered with blooms. This is the best of all Cosmos for cut flowers, lasting well in water, and the dainty colors are most attractive for either garden or table decoration. Give Cosmos the full sunshine for successful growth.

Double Crested—Pink beauty	1/4 oz. 70c, Pkt. 15c
Double Crested—White Queen	1/4 oz. 70c, Pkt. 15c
Double Crested—Mixed	1/4 oz. 60c, Pkt. 15c

CYPRESS VINE—(Ipomea Quamoclit)—A hardy rapid climbing annual, with feathery foliage, bearing bright scarlet and white flowers very profusely. Mixed Pkt. 5c 1/4 oz. 25c
Daisy (Bellis)—English Daisy—Pkt. 5c 1/4 oz. 50c
 A low growing early spring flowering plant. Very desirable for edging or borders. Daisies are indispensable for cool shady places and are easily raised from seed. A favorite hardy perennial.



S. N. CO.

DAHLIA—(Double)

But few people know Dahlias can be raised from seed and will bloom the first year. The seeds germinate easily and from the very first are strong and sturdy little plants. Plant them in a shallow box or pan early in March or April, transplant them carefully as their growth demands, and keep the soil moderately moist. When all danger from frost is over, plant them in the bed or border in the garden, and from then on they will prove no more trouble than if the tubers had been used instead of seed.

DAHLIA—Double—Mixed pkt. 15c 1/4 oz. 50c
 Choice mixed colors in great variety and flowers of excellent form.

DAHLIA—Single—Mixed pkt. 5c 1/4 oz. 30c
 Seed saved from the choicest varieties.

DAISY—(Shasta)—(See Chrysanthemum.)



DELPHINIUM—Perennial Larkspur

(See next page)

DELPHINIUM

Perennial Larkspur

These are some of the most handsome and useful hardy plants, and for the perennial border are invaluable. Excellent for cut flowers, producing large, long spikes of beautiful flowers, of varying shades of blue. Hardy perennial.

Formosum—Dark blue Pkt. 15c, ¼ oz. 75c
This is the old favorite dark blue Larkspur, and one of the best. Hardy perennial. Three feet.

Belladonna Pkt. 15c, ¼ oz. 75c
A very free and continuous bloomer, with flowers of a turquoise blue. Hardy perennial. Three feet.

Delphinium—Finest Mixed—in a great variety of charming colors. Three feet Pkt. 10c ¼ oz. 60c

DELPHINIUM—See Illustration page 56.

FOR ANNUAL VARIETIES SEE LARKSPUR

DIANTHUS OR PINKS

One of the most popular flowers in cultivation, producing a wonderful variety of bloom in most brilliant colors, and are most profuse bloomers. The varieties classed as annuals are really biennials, and in mild climates will survive the winter with light protection. In this northern latitude, they are best sown in the house, and then transplanted to the open after safe from frost, when in a very short time they will be a mass of bloom, continuing until cut down by frost. In good sheltered locations, they may be sown out of doors. The double types are almost as useful as Carnations for cut flowers, and all will succeed in almost any kind of good soil, if given a sunny location. Height 12 inches.



SINGLE ANNUAL VARIETIES

Crimson Bell—Rich Velvety Crimson Pkt. 10c ¼ oz. 45c

Eastern Queen—Beautifully marked with rose and mauve
Pkt. 10c ¼ oz. 45c

Heddewigii—(Single Japan Pink)—Flowers of the most wonderful coloring, beautifully marked. Mixed colors.
Pkt. 5c ¼ oz. 25c

DOUBLE ANNUAL VARIETIES

Heddewigii Fl. Pl.—(Double Japan Pink)—Very large and double flowers of brilliant colors. Mixed Pkt. 10c ¼ oz. 30c

Chinensis Fl. Pl.—(China or India Pink)—Blossoms in clusters, with a brilliant assortment of colors, Pkt. 10c ¼ oz. 30c

HARDY GARDEN PINK

Plumarius—Hardy Perennial Pink, Grass Pink, Scotch Pink, Clove Pink or Pheasants Eye)—A single hardy perennial pink, with fringed edge, light colored flowers with a darker center variously colored. The old-fashioned garden favorite.
Pkt. 10c ¼ oz. 40c

DOLICHOS

DOLICHOS—(Hyacinth Bean)—Daylight—Pkt. 10c oz. 35c
This is a white form of the well known Hyacinth bean, and of most rapid growth and very free blooming habit. It has been known to bloom in 8 weeks from the time of sowing, at height of ten feet. Annual.

DOLICHOS—(Hyacinth Bean)—Scarlet—Pkt. 10c oz. 35c
A scarlet type of the same rapid growth as the preceding variety and very free flowering. Annual.

ECHINOCYSTIS LOBATA

(See Wild Cucumber)

ESCHSCHOLTZIA

California Poppy



A very attractive profuse blooming hardy annual, for beds, edging or masses. Bloom from early summer until frost. Should be grown in every garden. Height one foot.

White Pkt. 10c, ¼ oz. 30c
Rose Pkt. 10c, ¼ oz. 30c
Crimson King Pkt. 10c, ¼ oz. 30c
Golden West Pkt. 10c, ¼ oz. 30c
Fine Mixed Pkt. 5c, oz. 25c

Peerless Mixed—A well-balanced mixture of all the above and many other fine varieties of California Poppies. Grown as a border or as solid beds they will make a fine display all during the summer and fall, lasting until frost.
Pkt. 10c, ½ oz. 30c oz. 50c

California Poppy Novelties

Tango—Brozy-red overlaid terra-cotta, a popular shade with the ladies. Pkt. 15c ¼ oz. 50c

Mauve Beauty—A delicate new color previously unknown, a beautiful shade of pure mauve. Pkt. 15c ¼ oz. 50c

Purple Glow—A bright reddish purple, and is the darkest shade obtained so far. Pkt. 15c ¼ oz. 50c

Lovely—A lovely tone of bright rose pink, suffused with salmon. the blooms have a satiny appearance, which adds very much to the effect "LOVELY" Pkt. 15c ¼ oz. 50c

Scarlet Beauty—The brightest of all. A deep scarlet, it has the appearance when in bloom of a vivid scarlet Tulip.
Pkt. 15c ¼ oz. 50c

BUSH ESCHSCHOLTZIA—See Hunnemannia.

EUTOCA—(Viscida)—Intense Blue Pkt. 5c
Foliage dull green, covered with hairs; blooms blue and striped, ¾ of an inch across, produced in terminal racemes. Succeeds best in warm sandy soil, not over rich. Sow in open ground early in spring, and thin to one foot apart. Hardy annual, one foot high.

EVENING PRIMROSE—(See Oenothera.)

EVENING SCENTED STOCK—(See Matthiola Bicornis.)

FEVERFEW—(See Matricaria.)

FORGET-ME-NOT—(See Myosotis.)

FOXGLOVE—(Digitalis)—Mixed—Pkt. 5c ¼ oz. 35c
Grows to the height of three or four feet, with dense spikes of brilliantly colored flowers, which are terminal and half as long as height of plant. Color—White, Lavender and Rose. A valuable flower in every perennial garden, does not usually blossom until the second year. Hardy biennials or perennials.

FOXGLOVE—(Digitalis)—Gloxiniiflora—Pkt. 10c ¼ oz. 40c
This type of similar growth to the preceding variety, bears beautifully spotted flowers resembling the Gloxinia.

FOXGLOVE—See Illustration page 30.

PLEASE REMEMBER

About September 1st we issue a Bulb and Hardy Plant catalogue, describing the fall bulbs such as Hyacinths, Tulips, Crocus, Snowdrops, etc. We also have at that time a complete list of hardy plants for fall planting. Our bulbs come from our own special grower in Holland while our hardy plants are of our own growing. We will be pleased to have the names of any of your friends who might be interest in this booklet. "Ask for Bulb Catalogue."

FOUR O'CLOCK—(Marvel of Peru)—Mixed pkt. 5coz. 25c
These flowers are funnel-shaped. Red, White, Yellow or Striped with these colors and open about four o'clock in the afternoon remain open all night and generally perish about noon next day. The abundance of new flowers produced daily affording constant succession of fine blooms. Sow seed in open ground Hardy annual; two feet high.



GAILLARDIA—or (Blanket Flower)

GAILLARDIA—Single Mixed—Pkt. 5c $\frac{1}{4}$ oz. 25c
Splendid showy annuals, remarkable for the profusion, size and brilliancy of their flowers, continuing to bloom from early summer till November; excellent for cutting, $1\frac{1}{4}$ feet high. Annual.

GAILLARDIA—Double Mixed—One of the prettiest and best early-flowering annuals. These are variously and gayly colored in shades of yellow, orange, brown, bronze, and deep maroon. The deeper colors are usually tipped with contrasting shades of yellow and creamy white. Pkt. 10c $\frac{1}{4}$ oz. 40c

GAILLARDIA—Grandiflora Superb Mixed—Beautiful flowers with yellow tips and crimson centers. A splendid combination. 2 feet high. Hardy perennial. Pkt. 10c $\frac{1}{4}$ oz. 40c

GERANIUM—Zonale—Mixed. A superb strain of the largest and finest varieties. Very interesting to grow from seed, which should be started indoors and transferred to the open when safe from frost. Pkt. 15c $\frac{1}{8}$ oz. 95c

GODETIA—Finest Mixed—Pkt. 5c $\frac{1}{4}$ oz. 25c
A hardy annual growing from 6 to 10 inches high. Of compact growth with a profusion of satiny cup-shaped flowers in deep red, pink and white, shaded and blended. Valuable for bedding or massing.

GOMPHRENA, or Globe Amaranth, Mixed—Pkt. 5c $\frac{1}{4}$ oz. 25c
A low growing hardy annual, everlasting or straw flower; about eight inches high, with globe-shaped flowers, in mixed colors. The plant makes a good border and is attractive, either while growing or dried.



Gypsophila

FLOWERS FOR CHILDREN'S GARDENS

If you have never let the children be responsible for a small flower garden, do so this season. Have them keep a record of when seed was planted, when germinated, when flowers bloomed, etc. It will not only be educational for them, but with flowers from their own garden they may cheer the sick or aged and gladden the hearts of their friends.

GOURD

Both Useful and Ornamental

A tribe of climbers with curiously shaped and colored fruit. Being of rapid growth they are fine to cover old fences, trellises, stumps, etc. Tender annual; ten to twenty feet high.
Hercules Club—Distinctly club-shaped, the longest of all varieties. Pkt. 10coz. 25c

Japanese Nest Egg—Used as nest eggs; fruits are white, do not crack, and are not injured by heat or cold. Pkt. 10c, oz. 25c

Sugar Trough—Has durable thick shell, and is often used for dishes and other household utensils. Pkt. 10coz. 25c

Dipper or Siphon—Greatly used for dippers, fruits long and bottle shaped, with straight or slightly crooked neck. Pkt. 10c, oz. 25c

Gourds—Mixed—Pkt. 5coz. 25c

GYPSOPHILA

GYPSOPHILA—(Annual)—Baby's Breath or Bridal Veil Pkt. 5c $\frac{1}{2}$ oz. 20c, oz. 35c
Delicate, free flowering little plants covered with a profusion of white, small star-shaped flowers. Valuable in conjunction with other flowers for making bouquets. Will thrive anywhere. An annual that should be in every garden.

GYPSOPHILA—(Paniculata)—Perennial—Pkt. 10c $\frac{1}{4}$ oz. 30c
A graceful hardy plant, fine for cutting for bouquets; flowers in feathery white panicles; height $1\frac{1}{2}$ feet.

GYPSOPHILA—(Rokejeka)—PerennialPkt. 10c
A beautiful tall growing type, with delicate rosy pink blossoms. New.

HELIOTROPE—Mixed, Pkt. 5c $\frac{1}{8}$ oz. 50c, $\frac{1}{4}$ oz. 90c
Every one loves the delightful fragrance and beauty of the Heliotrope but few know that it can be raised from seed easily. To insure a long period of bloom, the seed should be sown indoors and the plants set out in rich, well-prepared soil when the maples are in full leaf. A splendid bedding or house plant.

HARDY ASTERS—See page 53.

HELICHRYSUM—(See Straw Flower.)

HESPERIS—(See "Sweet Rocket.")

HOLLYHOCK

CHATER'S DOUBLE VARIETIES

Our seeds of this have been saved from the finest and largest double flowers only, and will produce flowers extremely double and in the best, brightest and most charming colors. Sow in April, May or June for next year's blooming perennials. Four to six feet.

Blood Red $\frac{1}{4}$ oz. 50c, Pkt. 10c	Rose $\frac{1}{4}$ oz. 50c, Pkt. 10c
White $\frac{1}{4}$ oz. 50c, Pkt. 10c	Maroon $\frac{1}{4}$ oz. 50c, Pkt. 10c
Pink $\frac{1}{4}$ oz. 50c, Pkt. 10c	Crimson $\frac{1}{4}$ oz. 50c, Pkt. 10c
Yellow $\frac{1}{4}$ oz. 50c, Pkt. 10c	
Three Packets of any of the above varieties .....25c	
Six Packets of any of the above varieties .....50c	
Chater's Double Mixed —Pkt. 10c $\frac{1}{8}$ oz. 35c, $\frac{1}{4}$ oz. 65c	

SINGLE ANNUAL VARIETIES

HOLLYHOCK—(Annual)—Single Mixed—Pkt. 10c..... $\frac{1}{8}$ oz. 30c



Hunnemannia—(Bush Eschscholtzia)

HUNNEMANNIA or (Bush Eschscholtzia)—Pkt. 10c, $\frac{1}{4}$ oz. 30c
Also known as the Santa Barbara Poppy. An erect-growing tender perennial, about two feet high. Foliage fine cut and feathery. Blossoms beautifully, cup-shaped, bright yellow and about three to four inches across. Stems long and smooth. A very satisfactory flower in the garden.

HUMULUS—(Japanese Hop)—Pkt. 10c ¼ oz. 25c
Variegated Japanese Hop. Quick growing vine for veranda or trellis. Annual; not subject to insect pests; very handsome; stands drouth well. Twelve feet.

HYACINTH BEAN—(See *Dolichos*.)

ICE PLANT Pkt. 5c, ¼ oz. 25c
Pretty summer trailing annual for vases and rock work; leaves covered with ice-like drops. Very useful for garnishing.

IPOMEEA—BONA NOX—(Evening Glory or Good Night)—Large fragrant violet blossoms expanding in the evening.
Pkt. 10c oz. 30c

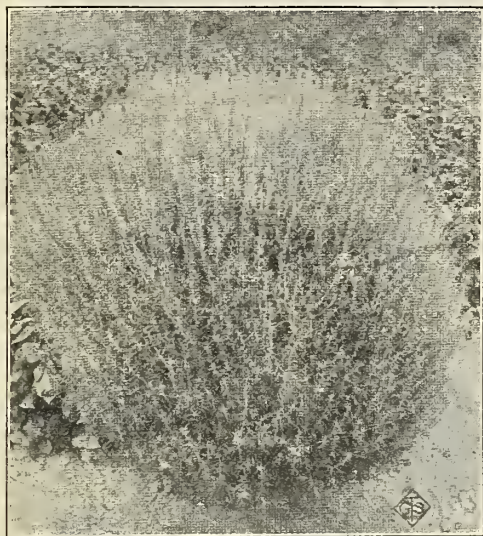
IPOMEEA—(Mikado) (Japanese Morning Glory)—Pkt. 10c, oz. 30c
New Improved Japanese Convolvulus of grand variety, flowers measuring from 4 to 5 inches across, great variety of colors, very handsome foliage.

IPOMEEA QUAMOCLIT—(See Cypress Vine.)

IPOMEEA NOCTIFLORA—(See Moonvine.)

KENILWORTH IVY—(Linaria) Creeping Charlie.....Pkt. 10c
¼ oz. 50c.

A charming trailing plant, especially adapted for hanging baskets. Flowers lavender and purple, very pretty. Tender perennial.



Kochia, Burning Bush or Summer Cypress

KOCHIA OR MEXICAN BURNING BUSH—Pkt. 5c..... ¼ oz. 25c
Grows quickly from seed sown in the open ground. The plants are of rounded or globe-like form. Early in the fall the ends of the shoots are thickly set with small bright scarlet flowers the bushy plants resembling balls of fire; makes a very good summer hedge also known as summer cypress. Hardy annual. Three feet.

KUDZU VINE—(Pueraria Thunbergiana)Pkt. 10c, ¼ oz. 30c
To this must be awarded first place as the fastest growing hardy climbing plant. It will grow 8 to 10 feet the first year from seed, and after it becomes established there seems to be no limit to its growth. Its foliage is large and covers well; bears small racemes of rosy-purple, pea-shaped blossoms towards the close of August. A splendid subject for covering permanently verandas, dead trees, etc. Hardy perennial.

LARKSPUR (Hardy Annual)

This hardy annual is one of the best of garden plants. Sown indoors early in the season, and transplanted to the open ground as soon as safe from frost, will produce blooming plants in July, which will continue in flower until frost. A splendid cut flower.

Tall Double Stock Flowered

Larkspur—Pure WhitePkt. 10c, ¼ oz. 30c
Larkspur—Shell PinkPkt. 10c, ¼ oz. 30c
Larkspur—CarminePkt. 10c, ¼ oz. 30c
Larkspur—Dark BluePkt. 10c, ¼ oz. 30c
Larkspur—Finest MixedPkt. 5c, ¼ oz. 25c, oz. 75c

LARKSPUR—Emperor Mixed—The flowers are quite double and of the most beautiful shades. Pkt. 10c, ¼ oz. 30c, oz. \$1.00

For Perennial Varieties of Larkspur see *Delphinium*.

LAVATERA—Annual Mallow—The annual Mallow or Lavatera is a charming plant for cool locations, growing 2½ feet high and covered all summer from July until fall with large bright colored saucer shaped flowers. Sow the seed outdoors after the weather has become settled, covering them with fine soil.

LAVATERA—Splendens Alba—Very large, silky pure white flowers. Pkt. 10c ¼ oz. 25c

LAVATERA—Splendens Rosea—Very large, bright rose pink flowers. Pkt. 10c ¼ oz. 30c

LAVENDULA VERA—(Sweet Scented Lavender)—A well known sweet scented shrub, of dwarf bushy habit. Extremely desirable for its delicious perfume. Hardy perennial. Should be grown in every mixed border. Pkt. 10c ¼ oz. 25c

LINUM—(Scarlet Flax)—Pkt. 5c ¼ oz. 25c
Distinguished for their brilliant colored flowers which are crimson with black center, saucer-shaped, and very conspicuous in bed or border. The foliage of the plant is slender and delicate. Height 1½ feet. Hardy annuals.

LINUM—(Perene)—Pkt. 10c ¼ oz. 25c
A fine deep blue variety, growing about 18 inches. Hardy perennial.

LINUM—(Album)—Pkt. 10c ¼ oz. 25c
A handsome white variety of the hardy flax. Perennial.



Lupins

LUPINUS or LUPINS

A very attractive plant with beautiful foliage and long spikes of blossoms, resembling those of the sweet pea. The plant attains a height of 3 ft. and forms a pleasing background for other flowers. Of the easiest culture. Sow in the open ground and thin to six inches apart. Desirable for cut flowers.

Mixture of all colors Pkt. 5c, oz. 25c

StimUplant
Makes a
Wonder Garden

State Nursery and Seed Co.,
Helena, Mont.

Gentlemen: My boy who lives in Greybull, Wyo. had you folks send me some Sweet Pea seed last spring. I never saw anything to beat them, they commenced to bloom when about 18 in. high. Are now over 5 feet and still blooming. If your Pansies are as good as the Sweet Peas were, they are sure nice.

Yours respectfully,
Fred Ludington,
Topeka, Kansas.

LOBELIA—(Crystal Palace)—Small compact bushes covered with deep azure-blue flowers. Makes a very attractive border and blooms early in the season until frost.
Pkt. 10c ½ oz. 50c

White Gem—Dense balls covered with snow-white flowers.
Pkt. 10c ½ oz. 40c

LYCHNIS—Chalcedonica—(Also called Burning Star, Jerusalem Cross, Maltese Cross, Ragged Robin)—Bright scarlet flowers, handsome for beds and borders. Of easy culture, growing in any rich garden soil, blooming the first year if sown early. Hardy perennial. 2 to 3 feet. See cut page 33.
Pkt. 10c ½ oz. 30c, ¼ oz. 55c

MIGNONETTE

MIGNONETTE —
(Sweet Scented)
Pkt. 5c, oz. 25c
A well known hardy annual, producing dense spikes of exceedingly fragrant flowers. If sown at intervals in spring and summer, it will bloom until killed by frost. Thrives best in a cool temperature.



Mignonette—(Sweet Scented)

MIGNONETTE—(Golden Machet)—Pkt 10c ¼ oz. 25c
A compact growing variety with medium long, thick spikes of yellow florets.

MIGNONETTE—(Pure Machet)—Pkt. 10c ¼ oz. 25c
A compact growing variety with thick spikes and large florets of a reddish color.

MIGNONETTE—(Allan's Defiance)—Pkt. 10c ¼ oz. 25c
Very fine, long spikes of whitish flowers, splendid for cutting.

MIGNONETTE—(Goliath)—Pkt. 10c ¼ oz. 25c
Enormous spikes of double red flowers.

MIGNONETTE—(Victoria)—Pkt. 10c ¼ oz. 25c
A large flowered crimson variety.

LOVE IN A MIST—(See Nigella.)

AFRICAN MARIGOLD**TALL—DOUBLE**

Old-time favorites of most easy culture and growth. One of the most showy annuals with their wonderful shades of yellow. Require a light soil and full exposure to the sun to get best results. Three feet.

Eldorado—Flowers very large, imbricated and very double, colors in all shades of yellow—Pkt. 10c ¼ oz. 40c

Lemon Queen—Large flowered variety with lemon yellow flowers—Pkt. 10c ¼ oz. 40c

Orange Prince—A very large and showy variety, with very double flowers of a rich deep golden-orange color. Pkt. 10c ¼ oz. 40c

Tall African Double Mixed. Pkt. 5c ¼ oz. 25c, oz. 75c



Marigold—Tall African Double

Dwarf French Marigold—The dwarf French Marigolds rarely exceeds one foot in height, and their most beautifully marked flowers of all shades of yellow and brown, are exceedingly attractive. Mixed Pkt. 5c ¼ oz. 30c

MATTHIOLA BICORNIS—(Evening Scented Stock). Pkt. 10c ¼ oz. 25c
No annual in cultivation equals this in delicate perfume of its flowers. The pink and lilac blossoms partly closed during the day, but expand and impart their fragrance in the evening. Include with your order a packet or two of Evening Stock. You will not regret it. 12 to 18 inches.

MATRICARIA—(Feverfew)—Double white Pkt. 10c, ¼ oz. 35c
A favorite bedding plant and profuse bloomer. Half-hardy perennial. Treat as an annual.

MEXICAN BURNING BUSH—(See Kochia.)

MOON FLOWER—(Ipomea Noctiflora)—Pkt. 5c ½ oz. 30c
So called from its rare peculiarity of blooming best at night, although it also expands its flowers on dull days. It is a beautiful climber, producing large, sweet-scented flowers 4 to 5 inches across. Tender annuals, 15 to 20 feet. Soak seed and plant in warm sunny place.

MUSK PLANT—(Mimulus Moschatus) Pkt. 15c
Foliage emits a strong musky perfume; yellow; fine for hanging baskets.

MYOSOTIS—(Forget-Me-Not)—Pkt. 5c ¼ oz. 40c
Neat and beautiful little plants with star-like flowers; succeeding best in a shady, moist situation; half hardy perennials; blooming the first year from seed if sown early the true Forget-Me-Not; beautiful blue flowers.

MORNING GLORY—(See Convolvulus.)

MORNING GLORY—Mikado or Jananese—See Ipomea.

MOURNING BRIDE—(See Scabiosa.)

NEMOPHILA—(Love Grove)—Mixed Pkt. 5c
Of dwarf spreading habit. It is well adapted for border or pot culture. The flowers are evistely colored, blotched and spotted; they are quite apt to sport into an endless variety of shades, from black and blue to the lighter shades. Sow in spring and thin to 1 foot apart. Hardy annual; 6 inches high.

NASTURTIUMS

NASTURTIUMS are hardy annual, of easy culture and flower best where the soil is not too rich. The new hybrids include various shades of rose, salmon, bright red, pale yellow, etc., either self-colored or spotted, mottled, striped and margined. For covering trellises, fences, arbors, piazzas, trailing from vases, over rockwork, for bedding, etc., nothing can equal the gorgeous effect produced by their marvelous wealth of bloom, borne in uninterrupted splendor from early Summer until cut down by frost. The seeds picked green and pickled in vinegar have a piquant, appetizing flavor that is a valuable addition to relishes or pickles. Do not water too much nor sow on rich ground if abundance of bloom is desired.

TOM THUMB—DWARF OR BEDDING VARIETIES

Cloth of Gold—Scarlet flowers and yellow foliage.

Golden Queen—Golden yellow with golden foliage.

King of Tom Thumbs—Glowing scarlet, dark foliage.

King Theodore—Black-brown, with dark foliage. The darkest of them all.

Prince Henry—Light yellow mottled with scarlet.

Vesuvius or Salmon Queen—Salmon-rose, with dark foliage.

Any of the Above Varieties—Pkt. 10c, oz. 20c, ¼ lb. 60c, lb. \$2.00.

NASTURTIUMS—Dwarf Prize Mixture—Price 1 lb. \$1.75; ¼ lb. 50c, 1 oz. 15c Pkt. 5c



Tall or Climbing Nasturtiums

TALL OR CLIMBING VARIETIES

Chameleon—Bears different colored flowers on the same plant.

Gold Garnet—Orange Yellow, with garnet blotches.

King Theodore—Deep maroon with dark foliage.

Prince Henry—Light yellow, mottled with scarlet.

Vesuvius or Salmon Queen—Salmon-rose, with dark foliage.

Any of the Above Varieties—Pkt. 10c, oz. 20c, ¼ lb. 60c, lb. \$2.00

NASTURTIUMS—Tall Prize Mixed—Price, 1 lb. \$1.75, ¼ lb. 50c, 1 oz. 15c Pkt. 5c



Nicotiana (Flowering Tobacco Plant)

NICOTIANA SANDERAE

Hybrids Mixed
Pkt. 10c, ¼ oz. 30c. Handsome garden plants of the tobacco family, valuable for the long duration of their bloom. Flowers white, carmine-rose, or violet; is in full bloom during the day. Very floriferous. Hardy annual. 3 feet.

NICOTIANA AFFINIS—Sweet Scented Tobacco Plant—Delightfully sweet-scented, pure white, tubular flowers, blooming continually; hardy annual, two to three feet.

Pkt. 5c ¼ oz. 25c, ½ oz. 45c
Inoculate Sweet Peas with Farmogrem or Humogrem and insure an abundance of gorgeous flowers on long, sturdy stems.



Nigella

NIGELLA DAMASCENA—(Love-in-a-mist or Devil-in-a-Bush)—

This is one of our prettiest old-fashioned annuals. It is odd in every respect and adds beauty and interest to any garden. It will grow well even under adverse weather conditions and withstands considerable heat and drought. The flowers come in blue and in white, and the thin moss-like foliage runs close up to the blooms, giving an appearance of a wreath of mossy fibers. The foliage is thin but very graceful. The large seedpods are quite ornamental and attractive. Nigella is wonderfully well adapted for mass planting or for making borders, and it is just as good a cut-flower. Sow in May in light soil and thin to stand 10 inches apart. The plants grow 12 to 15 inches high. Pkt. 5c, ¼ oz. 25c, ½ oz. 45c.

OENOTHERA—Evening Primrose

This widely known free-flowering annual produces brightly colored single flowers which open on approach of twilight. Watch the Evening Primrose. (Ecnothera) drop their calyx and unfold their petals and a wealth of large golden blooms greets us. A combination of red stems with red buds and yellow flowers make it a beautiful and striking plant in any collection of hardy annuals. Blooms from July until frost.

Pkt. 10c, ¼ oz. 30c, ½ oz. 50c.



Oenothera—Evening Primrose

StimUplant

Makes a
Wonder Garden

PHLOX Drummondii

(ANNUAL VARIETIES)



Phlox is a very pretty free-flowering annual of quick growth, coming into bloom early in summer. When sown en masse the coloring is varied and brilliant beyond description. Sow the seed thinly as early in the spring as the ground can be worked into a loose and mellow condition, and cover ¼ in. deep. Phlox makes beautiful borders.

Alba—Pure White.....

.....Pkt. 10c, ¼ oz. 55c

Fireball—Fine Scarlet

.....Pkt. 10c, ¼ oz. 55c

Oculata—White with

Purple Eye, Pkt. 10c,

¼ oz. 55c.

Isabellina—Yellow

.....Pkt. 10c, ¼ oz. 55c

Radowitzii—Rose with white eye. Pkt. 10c, ¼ oz. 55c.

Peerless Mixed—Pkt. 10c, ¼ oz. 50c.

Fine Mixed—Pkt. 5c, ¼ oz. 45c.

PHLOX—HARDY PERENNIAL (F. Decussata.)

One of the finest hardy perennials, with extremely large heads of the most magnificently colored flowers, remaining in bloom during the late summer months. Two to three feet. Usually blooms the first season. Requires 3 to 4 months for seed to germinate. Mixed—Pkt. 20c ¼ oz. 85c

MASTODON PANSIES

(The Largest and most Beautiful Shades)

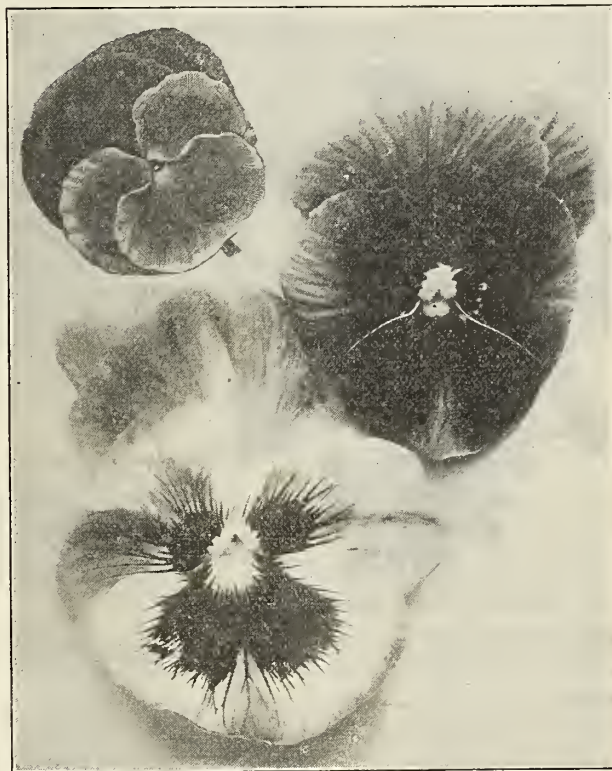
These popular flowers thrive best on a cool but moist well drained soil, enriched with well-rotted barnyard manure or fine ground bone. Seeds sown early will produce fine plants for autumn blooming. The proper method is to sow in July or August and protect the plants during the winter when they will flower continuously the next spring and summer. Our Pansies are renowned as the most beautiful pansies in the world for size and color. In germinating Pansy seed allow plenty of ventilation. Keep your beds moist—quite moist—but not soaking wet until plants come up. Never allow your beds to become dry. Any dryness after seeds sprout is absolutely fatal.

ADONIS (New)—This beautiful pansy is of huge size, in light blue, baby blue, and lavender shades. The ladies favorite. Pkt.10c

BEACONSFIELD (New)—A fine bluish purple with a distinct lavender tinge on the upper part of the petals. A beautiful shade. Pkt.10c

BRONZE MASTODON—Wonderful shades of bronze—from light burnished brass to deep bronze, wonderfully tinted with almost every shade known in pansiesPkt. 10c

BLACK MASTODON—This beautiful pansy varies from a deep velvety purple to a satiny jet black, with blooms of immense size. A rare colorPkt. 10c



GRAND DUKE MICHEL—(Improved Candidissima)—The finest and largest pure white pansy knownPkt. 10c

MADAME PERRETT—A distinct type of Pansy, dark wine, pink and red, edges of petals edged with white, beautifully frilled flowers and veined with rich contrasting colors. Pkt.....10c

MADAME STEELE—(Elks Purple)—A beautiful and attractive shade with very large flowersPkt. 10c

MLE IRENE (New)—A shade never before known to pansies, a henna or tango red, a grand flower with long strong stem. Must be seen to be appreciated. Pkt. 20c.

PANAMA PACIFIC—A huge deep yellow, many with a dark eye, almost a velvety black, some flowers a solid yellow. Pkt. 10c

PRINCE HENRY—A splendid Dark Blue of immense size. The finest dark blue knownPkt. 10c

PARISIAN YELLOW—A pure yellow of grand form and size. Pkt.10c

WHITE MASTODON—(With Dark Eye)—This is one of the largest pansies grown, the flowers are enormous.....Pkt. 10c

Pansy—Fine MixedPkt. 5c, ¼ oz. 50c

S. N. & S. Co.'s Peerless MixedPkt. 10c, ¼ oz. \$1.25

S. N. & S. Co.'s Premium MixedPkt. 20c, ¼ oz. \$1.50

PETUNIAS

PETUNIA—(S. N. & S. Co.'s Double Mixed)
Pkt.35c

This is a mixture of the best large flowering and fringed double Petunias. Seed is saved from plants grown in pots, carefully pollinized and will produce grand flowers. Only a certain percentage of double flowers may be expected from seed, varying from 25 to 40 per cent. of doubles, while the remainder will be choice large single flowers. The weaker seedlings should be carefully saved, as these very often produce the finest double flowers. Seed very costly.



Petunia—S. N. & S. Co.'s Double Mixed

SINGLE VARIETIES



Petunia—(Fluffy Ruffles)

PETUNIA—Rosy Morn—A bright Rosy pink, with silvery white throat, very charming, compact, and free flowering. Makes a very dainty and effective border. Pkt. 10c. $\frac{1}{4}$ oz. 65c

PETUNIA—Elk's Purple—A most outstanding variety, with immense flowers of rich deep Elk's purple. The texture of the petals is substantial and of velvety appearance. The blooms are enormously large and heavy. They are most attractively waved, forming, with their large lobes, a fine five-fingered star. The velvety black veins add much to the beauty of the magnificent flowers. Pkt. 50c.

POPPIES

Annual Poppies should be sown as early in the spring as possible; they do not stand transplanting. Sow very thinly, barely covering the seed. Press down firmly, and they will come up in a few days. It is well to make several sowings at intervals to keep up a succession of bloom. If picked just before expanded, the flowers will last several days.

SINGLE ANNUAL VARIETIES

POPPY—(Miss Sherwood)—Pkt. 10c. $\frac{1}{4}$ oz. 30c, $\frac{1}{2}$ oz. 50c. Satiny white. Shaded on fringed margin with salmon rose.

POPPY—(Tulip or Glaucum Flowered)—Pkt. 10c, $\frac{1}{4}$ oz. 30c, $\frac{1}{2}$ oz. 50c. Intense scarlet. The brightest colored of all Poppies.

POPPY—(Single Annual)—Mixed colors. Pkt. 5c, oz. 25c $\frac{1}{4}$ lb. 85c. Gorgeous colorings, easily grown from seed sown in the open.

POPPY—(Admiral)—Pkt. 10c, $\frac{1}{4}$ oz. 25c $\frac{1}{2}$ oz. 35c. White margined with brilliant scarlet. A very fine new color.

PETUNIA

Howard Star—Pkt.10c. Crimson-maroon with a well defined five-pointed, white star in centre. Pkt.10c. $\frac{1}{8}$ oz.50c

PETUNIA — Fluffy Ruffles—These Petunias are very large flowered, but the great beauty of the flower is what first commands your attention. The petals are waved and frilled and curled and twisted, giving an extremely dainty and pretty flower. Pkt.35c

PETUNIA— Blotched and Striped. A splendid selection of wonderful coloring. Very large and free flowering. Pkt.10c. $\frac{1}{8}$ oz.50c

POPPY



Shirley Poppies

Shirley Mixed—Pkt. 10c, $\frac{1}{4}$ oz. 25c, $\frac{1}{2}$ oz. 35c. An extra fine strain of charming poppies. They are single and occasion a 1 1 y semi-double and range in colors from the purest white through the delicate shades of pale pink, rose and carmine to the deepest crimson and blood red, while many are daintily edged and striped. In fact so varied are they that scarcely any two flowers are alike.

POPPY—(Dannebrog or Danish Cross)—Pkt. 5c $\frac{1}{4}$ oz. 25c, $\frac{1}{2}$ oz. 35c. Very showy, large flowers of brilliant scarlet, with a silvery white spot on each petal, forming a white cross.

DOUBLE ANNUAL VARIETIES

These Poppies are very handsome. The flowers grow to an enormous size, from 6 to 7 inches in diameter, are as double as Peonies and the colors are very rich and striking.

POPPY—(Double Carnation or Peony Flowered, Mixed) Pkt. 5c, $\frac{1}{4}$ oz. 25c $\frac{1}{2}$ oz. 35c. Large, full, double fringed flowers, 2 feet high.

POPPY—(Cardinal Scarlet)—Pkt. 10c, $\frac{1}{4}$ oz. 25c $\frac{1}{2}$ oz. 35c. Splendid double fringed flowers.

POPPY—(White Swan or White Fringed)—Immense double white flowers, beautifully fringed, Pkt. 10c, $\frac{1}{4}$ oz. 25c, $\frac{1}{2}$ oz. 35c

POPPY—(Double Salmon Pink)—A beautiful shade and a favorite with all. Pkt. 10c, $\frac{1}{4}$ oz. 25c $\frac{1}{2}$ oz. 35c

POPPY—(American Flag)—Pkt. 10c, $\frac{1}{4}$ oz. 25c $\frac{1}{2}$ oz. 35c. Beautiful variety; flowers very large and double; snow-white, bordered with scarlet.

POPPIES—PERENNIAL VARIETIES

Hardy perennials of easy culture; in bright glowing colors.



True Oriental Poppy—(Papaver Orientale)

POPPY—ORIENTAL—(Papaver Orientale)—Pkt. 10c.... $\frac{1}{4}$ oz. 45c. This is the most gorgeous perennial Poppy flowering in June and July, with enormous blossoms often measuring 5 to 6 inches across, deep crimson, with a conspicuous black blotch on each petal. Transplanting should be done carefully. The best time to lift plants is in August.

POPPY—(Oriental Hybrids)—Mixed Pkt. 10c $\frac{1}{4}$ oz. 50c. Beautiful hybrids of the Oriental Poppy, producing flowers of immense size, 6 inches and over in diameter, and of many novel colors, ranging from delicate shades of salmon to deep crimson.

POPPY—ICELAND—(Papaver Nudicaule)—Pretty tufted foliage, flowers on long wiry stems in shades of white, yellow, and orange with satiny crinkled petals; beautiful flowers in colors. Bright Yellow, Pure White, Orangeper pkt. 10c. Iceland Poppy—Mixed Pkt. 10c $\frac{1}{4}$ oz. 50c

PORTULACA

(Moss Rose or Sun Plant)

A low growing or creeping tender annual, six to eight inches high. One of our best annuals, of easy culture, thriving best in rather rich light loam or sandy soil, and luxuriating in an exposed sunny situation. The glossy cup shaped flowers are produced in great profusion throughout the summer, and are of the richest colors. Very fine for massing in beds, edgings or rock-work, and is frequently used to sow broadcast over sunny banks. The seed germinates slowly, and should be started under glass or when the weather is hot. They love the sunshine and do best on rather dry ground.

PORTULACA—Single Mixed Pkt. 5c, $\frac{1}{8}$ oz. 40c $\frac{1}{4}$ oz. 75c

PORTULACA—Double Mixed Pkt. 10c, $\frac{1}{8}$ oz. 50c $\frac{1}{4}$ oz. 85c



Pyrethrum—"Painted Lady"

PYRETHRUM ROSEUM—Single Hybrids Mixed

Pkt. 10c $\frac{1}{8}$ oz. 45c

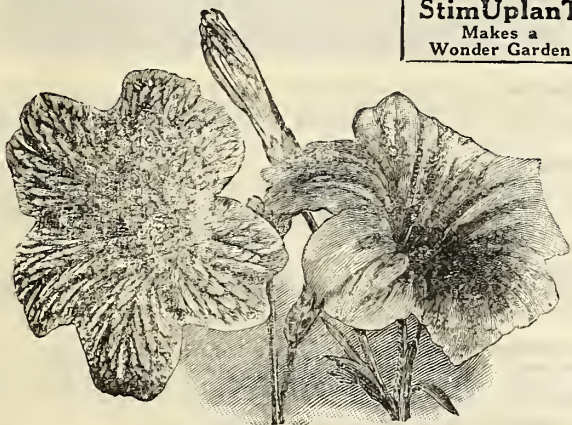
A lovely flower of easy culture, and should be more generally grown. They resemble large daisies, but of various shades of pink, deep red and purple, and make a pretty show in the garden. They also make handsome cut flowers, having stems $1\frac{1}{2}$ feet long. The plants are perfectly hardy; grow 2 feet high.

PYRETHRUM AUREUM—(Golden Feather) Pkt. 10c, $\frac{1}{8}$ oz. 35c

A most desirable dwarf Pyrethrum for edging of borders, with golden yellow foliage. Half-hardy perennial. Six inches.

RICINUS—(See Castor Oil Bean).

StimUplant
Makes a
Wonder Garden



SALPIGLOSSIS—(Finest Mixed)

SALPIGLOSSIS—(Painted Tongue)—Finest Mixed, all colors.
Pkt. 5c, $\frac{1}{8}$ oz. 25c $\frac{1}{4}$ oz. 45c

One of the greatest favorite annuals of easy culture, beautiful orchid-like flowers, produced from early summer until late fall. Seed should be sown early in spring in a hot bed or window and transplanted when weather is settled or directly out of doors after danger of frost. Two to three feet.

SALPIGLOSSIS—(Emperor Mixed) Pkt. 10c, $\frac{1}{8}$ oz. 30c, $\frac{1}{4}$ oz. 50c
Large improved strain with a complete range of colors.

SALVIA—(Scarlet Sage)—Pkt. 10c $\frac{1}{4}$ oz. 50c
A tender perennial, blooming the first season from seed. The blossoms are borne on long stems in racemes or spikes and are fragrant. The plant blooms profusely. Two feet.

SWEET SCENTED LAVENDER—(See Lavendula).



Scabiosa, Mourning Bride or Pincushion Flower

SCABIOSA

Mourning Bride, or Pincushion Flower—They grow about $2\frac{1}{2}$ ft. high, and come into bloom early in July and continue without interruption until hard frost. The beautiful flowers in exquisite shades are borne on long stems, and when cut, keep in perfect condition for the best part of a week. They make effective borders or beds, and no garden is complete without Scabiosa, especially when flowers are wanted for cutting. Hardy annual.

Azure Fairy—Clear Lavender Blue Pkt. 10c, $\frac{1}{8}$ oz. 35c

Snowball—Pure white Pkt. 10c, $\frac{1}{8}$ oz. 35c

Fiery Scarlet Pkt. 10c, $\frac{1}{8}$ oz. 35c

Tall Double Mixed Pkt. 10c, $\frac{1}{8}$ oz. 30c

Dwarf Choice Mixed Pkt. 5c, $\frac{1}{8}$ oz. 25c

SWEET PEAS

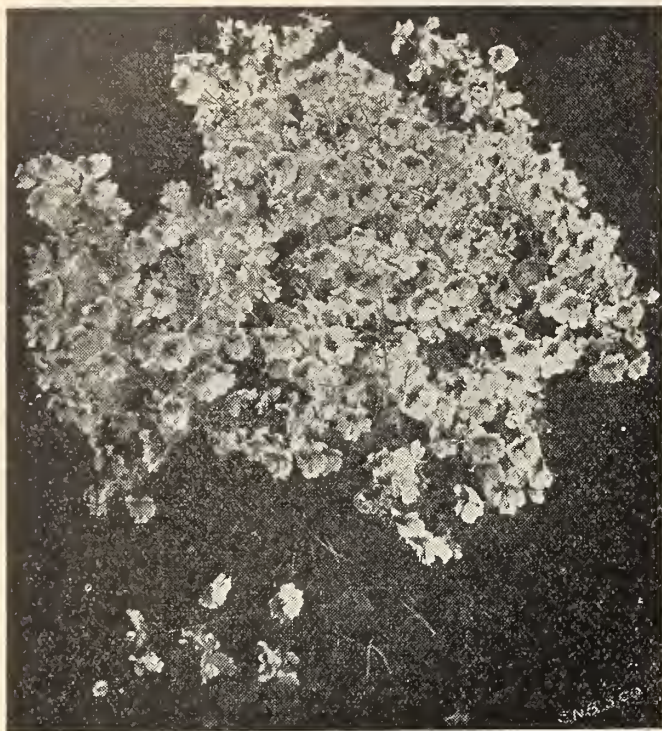
We are headquarters for strictly high grade sweet pea seed. We have the choicest up to date sweet peas known, many of the varieties offered were awarded the certificate of merit by both the American Sweet Pea Society of America and the Royal Horticultural Society of England. How to grow Sweet Peas. See Pages 67-70.

S. N. & S. CO.'S

Special Flower and Vegetable Seed Collections—See Page 72.

SOW S. N. & S. CO.'S WILD FLOWER GARDEN MIXTURE
in out-of-the-way places, back lots, fence corners, etc. Scatter the seed on the surface and rake in. (See page 65).

Every well-balanced garden needs perennials, for the border, scattered through shrubbery, in the corners, everywhere. See list on page 66.



Schizanthus

SCHIZANTHUS—(Butterfly or Fringe Flower)—Called the "poor-man's orchid" on account of their easy culture and resemblance in form and variety of coloring to some of the floral aristocrats. Sown out of doors in spring where they are to remain, or started inside and transplanted when the weather is suitable. Hardy annual. One to two feet.
Mixed per pkt. 5c ¼ oz. 25c

SHAMROCK—True small leaved Pkt. 10c

SEASTA DAISY—(See Chrysanthemum).

SNAPDRAGON—(See Antirrhinum).

StimUplant
Makes a
Wonder Garden



Statice

STATICE LATIFOLIA—(See Lavender) Pkt. 10c
These useful plants bear purplish blue everlasting flowers that last a long time after cutting, and are of very easy culture. Hardy perennial. Two feet.

A WELL KEPT AND PROPERLY ARRANGED FLOWER
GARDEN MAKES A HOME ATTRACTIVE



Stocks

STOCKS

(Gilliflower)

The stock is one of our very best annuals either for bedding purposes or for pot culture. Their wonderful range of colors, and unequalled fragrance make them extremely valuable. Half hardy annual. 12 to 18 inches.

Improved Large
Flowering 10 weeks
Stocks.

Blood Red Pkt. 10c
Canary Yellow Pkt. 10c
White Pkt. 10c
Blue Pkt. 10c
Purple Pkt. 10c
Pink Pkt. 10c
Lavender Pkt. 10c
Mixed—All colors,
Pkt. 5c, ½ oz. 35c,
¼ oz. 60c
Any above named
¼ oz. 50c.

MAMMOTH FLOWERING BEAUTY STOCKS—Early flowering or winter stocks, of a very branching habit. Largely grown for winter cutting by florists, and for greenhouse decoration. For outdoor use, sow in March, will then bloom from July to frost.

Beauty of Nice—Flesh pink Pkt. 15c, ¼ oz. 50c

Princess Alice—White Pkt. 15c, ¼ oz. 50c

Queen Alexandria—Rose Pkt. 15c, ¼ oz. 50c

STOCK—Evening Scented—See Matthiola Bicornis.

VIRGINIA STOCK—(Malcolmia Maritima)

An early flowering small flowered annual, largely grown for edging border. Height about 6 inches, and bloom continuously during cool weather, finest mixed, Pkt. 5c. ½ oz. 25c, ¼ oz. 40c

STRAWFLOWER

Everlasting Flowers

The Everlasting or Strawflowers, with their rich bright colorings are most valuable for winter decorations. Plants grow readily from seed sown in the open ground when the trees are starting out in leaf. When well started, they should be kept cultivated to produce the finest and largest number of flowers. The blooms should be cut as soon as they open, tied in small bunches, and dried slowly in a cool, shady place, hanging the flowers downward to keep the stems straight.

ACROLINIUM—A very pretty half-hardy annual, producing white and rose colored double daisy like flowers. These are known as "Immortelles" and are desirable for wreaths and winter bouquets. Double Mixed. Pkt. 5c ¼ oz. 25c

AMMOBIUM ALATUM—Two feet. Large flowered, with handsome double white flowers; useful either in the garden or for winter bouquets; cut before the buds open. Pkt. 10c, ¼ oz. 35c

GOMPHRENA, or Globe Amaranth—A low growing hardy annual, everlasting or straw flower; about eight inches high, with globe-shaped flowers. The plant makes a good border and is attractive, either while growing or dried. Mixed. Pkt. 5c ¼ oz. 25c

HELICHRYSUM—Showy, easily grown annuals for the border; fine for winter bouquets; cut before the buds expand. Mixed colors Pkt. 5c ¼ oz. 25c

XERANTHEMUM—A hardy annual, 1 foot high bearing handsome double flowers on long stems; colors mostly white, blue and purple; cut when fully developed. One of our best everlasting and easily grown. Pkt. 5c ¼ oz. 25c

One packet each of above strawflowers 25c

SUNFLOWER—(Mammoth Russian) Pkt. 5c, oz. 10c

SUNFLOWER—(Helianthus Californicus) Pkt. 5c, ½ oz. 25c
Chrysanthemum flowered. Hardy annuals, growing from 3 to 6 feet. Large densely double golden flowers. Fine, long stout stems for cutting.

SUNFLOWER—(Red) Pkt. 10c ½ oz. 30c
Single large red flowers merging to yellow at tips of petals, very showy, height about 6 feet.



Sweet Rocket—(Hesperis)

SWEET ROCKET—(Hesperis)—Mixed—Pkt. 5c, $\frac{1}{4}$ oz. 20c, oz. 60c
A hardy perennial growing two feet high. A beautiful, fragrant flower of the easiest culture and bearing clusters of white and purple blossoms. Flowers in June and September.



Sweet William

SWEET WILLIAM—(Dianthus Barbatus)—A beautiful sweet scented old-fashioned perennial. Grows one to two feet high and bears its flowers in clusters at the end of a stiff stem. The individual flowerets are handsomely colored and marked. It makes a beautiful bedding plant and is of easy culture.

SWEET WILLIAM—Single—Mixed. Pkt. 5c $\frac{1}{4}$ oz. 35c
The flowers are large, of handsome form and embrace a great variety of extremely rich and beautiful colors. Perennial.

SWEET WILLIAM—Annual Flowering Mixed—A new strain that blooms the first season. Flowers large, borne in great profusion and in beautifully assorted colors. Pkt. 10c, $\frac{1}{4}$ oz. 50c

SWEET ALYSSUM—(See Alyssum).

SWEET PEAS—(See Pages 67-70).

THUMBERGIA—(Black-Eyed Susan)—Pkt. 5c $\frac{1}{4}$ oz. 30c
A beautiful tender climber, 3 to 5 feet high, with pale yellow or orange-yellow flowers having a distinct black center. Tender annual.

VERONICA—(Speedwell) Pkt. 10c
A beautiful species, with rich deep blue flowers.

EVERLASTING BOUQUETS

If you are interested in flowers to use in "everlasting" bouquets, we have a number of them listed under "Strawflowers"—(See page 64).

VERBENAS



This well known annual of low growing decumbent habit of growth is very desirable for massing in beds. It is suitable also for borders and window boxes. Large clusters of showy flowers are borne in succession through a long season until frost. Each truss or cluster is about two to three inches across, and includes a dozen or more single flowers.

Verbenas usually flower well in August from seed sown in open ground in May. Germination will be hastened if the seed is soaked in lukewarm water before planting. It is desirable to have the soil well fertilized and carefully pulverized. Cover seed about one fourth inch deep.

The seeds require as long as 3 weeks to germinate and the soil

must be kept moderately moist until the young seedlings push through the soil. When the young plants have three or four leaves transplant in rows two feet apart, choosing preferably a sunny situation.

Earlier blooming may be had if plants are started indoors and transplanted in the open ground after danger of killing frost is over. Half hardy perennial trailer, one foot high, usually treated as an annual.

VERBENAS—MAMMOTH

Pink	Pkt. 10c, $\frac{1}{4}$ oz. 60c
White	Pkt. 10c, $\frac{1}{4}$ oz. 60c
Purple	Pkt. 10c, $\frac{1}{4}$ oz. 60c
Striped	Pkt. 10c, $\frac{1}{4}$ oz. 60c
Scarlet	Pkt. 10c, $\frac{1}{4}$ oz. 60c
Fine Mixed—All colors.....	Pkt. 5c, $\frac{1}{4}$ oz. 40c
Peerless Mixed—Embracing a wide range of beautiful colors, the blooms being of mammoth size	Pkt. 10c, $\frac{1}{4}$ oz. 50c
Defiance—Intensely rich, brightest scarlet	Pkt. 10c, $\frac{1}{4}$ oz. 60c
Firefly—Bright Red with small white eye.....	Pkt. 10c, $\frac{1}{4}$ oz. 60c
Lutes—Yellow. A unique color among Verbenas. Very fine.	Per Pkt. 10c $\frac{1}{4}$ oz. 60c

WHITLAVIA Pkt. 5c
An easily grown, hardy annual, bearing small violet-blue cup-shaped blossoms. Plants one foot high. Sow seed in open ground in spring and thin the young plants. One foot.

WHITLAVIA GLOXINOIDES—Blue with white throat.....Pkt. 10c

WISTARIA—(Sinensis Purple) Pkt. 10c
One of our most popular hardy climbers. The flowers are abundantly borne in spring on long drooping racemes of light blue before the leaves appear.

WISTERIA—(Sinensis Alba)—White Pkt. 10c

WILD CUCUMBER Pkt. 5c, oz. 30c, $\frac{1}{4}$ lb. 95c
Ornamental climbing cucumber with curious fruit, remarkable for its luxuriance and rapidity of growth. Sow in the fall.

WILD FLOWER GARDEN MIXTURE

Pkt. 5c, oz. 30c, $\frac{1}{4}$ lb. \$1.00, $\frac{1}{2}$ lb. \$1.85, 1 lb. \$3.25.
There are many annual flowers that can be grown easily. Seed of such flowers simply scattered on the ground in a corner of the garden will make a pretty display of flowers. Of course the soil must be fairly good and free from grass and the larger weeds must be pulled out during the season. We have made up a mixture of seeds of the hardiest annual flowers that will bloom from early summer until late in the fall. These are not wild flowers.

WOOLFLOWER—(See Celosia Childsii).

XERANTHEMUM—(See Strawflower).

WALLFLOWER

These half-hardy perennial and annual Wallflowers are grown for early spring bedding and are delicious for their fragrance. Perennial sorts should be sown in autumn and carried over in cold frame; annual sorts may be sown indoors in March and will flower the first year from seed.

WALLFLOWER—(Gold Lack)—Single Mixed—Pkt. 5c, $\frac{1}{4}$ oz. 35c
Wallflower should be better known, their adaptability for pot culture and out-door bedding and their very sweet odor should win favor. Eighteen inches.

WALLFLOWER—Early Paris Market. Pkt. 10c $\frac{1}{4}$ oz. 45c
A beautiful single golden yellow variety, which may be treated as an annual, flowering through the summer from seed sown in the spring.

WALLFLOWER—(Blood Red) Pkt. 10c, $\frac{1}{4}$ oz. 40c
This is a much improved and selected stock of the Annual Wallflower brought out some years since. We have ever since been carefully selecting this, and each year getting nearer to a blood red.

ZINNIA

A half hardy annual growing from 1 to 2 feet high. The colors are in great variety and very bright. Probably no flower has such an assortment of shades, tints and colors, and no bedding plant is more effective for a brilliant show. Sow in boxes early and transplant.

New Dahlia-Flowered

New Dahlia-Flowered Zinnias are distinct. The flowers are of immense size and are made up of a great number of small-sized petals. The individual petals stand well apart, giving an attractive grace and looseness to the flowers. They are strong growers, blooming profusely all during summer and fall.

CRIMSON MONARCH—One of the best, with immense flowers. A bright and attractive shade of crimson-scarlet. The blooms are of perfect form; borne in great profusion. Pkt. 20c, 1-16 oz. 60c, ¼ oz. \$1.10, ½ oz. \$2.10.

EXQUISITE—The flowers resemble a large Decorative Dahlia. They are a pleasing shade of reddish rose with deeper rose in the center. One of the most attractive of this type. Pkt. 20c, 1-16 oz. 60c, ¼ oz. \$1.10, ½ oz. \$2.10.

GOLDEN STATE—An excellent color. Rich golden yellow, shading to orange as the flower ages. Blooms are large, of true Dahlia form, borne on long stems. Pkt. 20c, 1-16 oz. 60c, ¼ oz. \$1.10, ½ oz. \$2.10.

SCARLET FLAME—Rich orange-scarlet. A dazzling color; is one of the brightest, always attracting attention. Blooms profusely. Pkt. 20c, 1-16 oz. 60c, ¼ oz. \$1.10, ½ oz. \$2.10.

DREAM—The large flowers are a distinct shade of deep-lavender, shading to purple as they age. Very large and of fine form. A free bloomer of strong and sturdy growth. Pkt. 20c, 1-16 oz. 60c, ¼ oz. \$1.10, ½ oz. \$2.10.

POLAR BEAR—This is decidedly the finest of all white Zinnias. The flowers are of great size and pure in color. The flowers are borne with a wonderful profusion on fine strong stems. Pkt. 20c, 1-16 oz. 60c, ¼ oz. \$1.10, ½ oz. \$2.10.

DAHLIA-FLOWERED MIXTURE—This is a complete Mixture of Dahlia-flowered Zinnias, including all the above separate colors and many other beautiful and rich shades. Pkt. 15c, ¼ oz. 50c, ½ oz. 95c, oz. \$1.75.

COLLECTION OF DAHLIA-FLOWERED ZINNIAS

This collection contains one packet of the six separate colors of Dahlia-flowered Zinnias described above. It will be mailed to any address, postpaid for **\$1.00**

ZINNIA ELEGANS—Dwarf Double

WhitePkt. 10c Buff and Yellow..... StripedPkt. 10c
.....Pkt. 10c MixedPkt. 5c
ScarletPkt. 10c CrimsonPkt. 10c ¼ oz. 30c, ½ oz. 55c

COLLECTION OF DWARF DOUBLE ZINNIAS

This collection contains one packet each of the five separate colors of Dwarf Double Zinnia. It will be mailed to any address postpaid for **35c**

ZINNIA—(Curled and Crested)—Mixed Pkt. 10c¼ oz. 35c
A fine mixture of colors. The petals are curled and the flowers large and attractive.

ZINNIA—ROBUSTA OR GIANT

Tall Double—WhitePkt. 10c, ¼ oz. 45c
Tall Double—FleshPkt. 10c, ¼ oz. 45c
Tall Double—ScarletPkt. 10c, ¼ oz. 45c
Tall Double—YellowPkt. 10c, ¼ oz. 45c
Tall Double—CrimsonPkt. 10c, ¼ oz. 45c
Tall Double—Mammoth Mixed.....Pkt. 10c, ¼ oz. 35c, ½ oz. 65c

COLLECTION OF GIANT DOUBLE ZINNIA

This collection contains one packet each of the five separate colors of Giant Double Zinnia. It will be mailed to any address postpaid for **35c**

ZINNIA GRACILLIMA COCCINEA—(Little Red Riding Hood)

Pkt. 10c¼ oz. 40c
A superb dwarf variety about one foot high, and literally covered with brilliant red blooms about one inch in diameter. Very effective for border plant and also when massed.



Zinnia—New Dahlia-Flowered

Beautify your Home with Flowers from your own Garden

HARDY ANNUAL FLOWER SEEDS

The Annuals are valuable treasures to both amateur and professional gardener. For every conceivable spot in the garden some variety will be found especially well adapted. Every bed can be made brilliant with these favorites, for there is no situation or soil in which some of the Annuals will not flourish. You may have beautiful flowers to grow in your home, fresh, fragrant cut flowers from your own garden for the table and parlor, and plenty of easily grown plants and flowers in your garden. To the Annuals, mainly are we indebted for our brightest and best flowers in the summer and autumn months.

SHOWY FLOWERING ANNUALS FOR BEDDING AND MASSING

Ageratum	Chrysanthemum	Nemophila
Alyssum	Cosmos	Nigella
Antirrhinum	Dianthus	Nasturtiums (Tall and Dwarf)
Asters	Eschscholtzia	Pansy
Asperula	Gaillardia	Petunias
Brachycome (Swan River Daisy)	Gypsophila	Phlox, Drummondii
Balsams	Heliotrope	Poppies
Calendula	Hunnemannia	Portulaca
California Poppy	Kochia, Mexican	Salvia
Calliopsis	Burning Bush	Stocks
Candytuft	Linum	Strawflowers
Carnation	Lobelia	Verbena
Celosia	Marigolds	Zinnias
	Mignonette	

LARGE SHOWY ANNUALS FOR BACKGROUNDS AND BORDERS

Amaranthus	Chrysanthemums	Poppies
Asters	Cosmos	Ricinus
African Gold Daisy	Chinese Woolflower	Salvia
Balsams	Larkspur	Scabiosa
Calendula	Lavatera	Sunflower
Calliopsis	Lupinus	Sweet Sultan
Celosia Plumosa	Marigolds	Salpiglossis
Centaurea	Marvel of Peru	Wallflower
	Nicotiana	Zinnias

HARDY PERENNIAL FLOWER SEEDS

The perpetual charm of hardy garden flowers has won for them a warm spot in the hearts of all lovers of beautiful gardens.

They can be started with remarkable ease. The seed may be sown in the early spring with the annuals or later in the summer, during **July and August**. If sown later, the seed-bed should be in a cool, damp place or the ground should be kept shaded and moist by artificial means until the plants appear.

They adapt themselves readily to nearly all climatic and soil conditions.

Their blooming season is from Early Spring to Fall, making the beauty of the Perennial Garden ever changing as the months pass.

They have a wide range of usefulness. As cut flowers, in making up designs and bouquets, or for border massing effects in garden they are very effective.

They are permanent. When once established in good soil, the perennial bears its blossoms for years, growing finer and more beautiful as the seasons pass.

Anchusa	Gaillardia
Asperula (Sweet Woodruff)	Hollyhock
Alyssum (Saxatile Yellow)	Kudzu Vine
Aquilegia (Columbine)	Lavender (Sweet Scented)
Canterbury Bells	Linum
Candytuft (Hardy)	Lychnis
Carnation	Poppy (Iceland)
Calliopsis (Hardy)	Poppy (Oriental)
Centaurea Ruthenica	Pyrethrum
Double Daisy or Bellis	Phlox (Hardy)
Perennials	Shasta Daisy See (Chrysanthemum)
Chrysanthemum	Sweet William
Delphinium (Hardy Larkspur)	Sweet Rocket
Dianthus or Pinks (Hardy)	Statice
Digitalis or Foxglove	Sweet Pea (Everlasting)
Gysophila (Paniculata) or Baby's Breath	Wall Flower

EVERLASTINGS FOR WINTER BOUQUETS

Acroclinium	Globe Amaranth	Helichrysum
Ammobium Alatum	Gypsophila	Statice
		Xeranthemum

S. N. & S. CO'S NEW SWEET PEAS

NOVELTIES

TWO OF THE GREATEST NEW SWEET PEAS OF THE CENTURY

THE PRESIDENT HARDING

The blooms are magnificent in every way. They are bold and impressive, yet well-proportioned and of exquisite texture. Both the standard and wings are attractively waved and crimped. The flowers are borne profusely, nearly every stem holding four large blooms.

The President Harding is an entirely new color in Sweet Peas—Peach-red or salmon-cerise suffused orange.

The President Harding Sweet Pea was awarded the highest honors both in America and England. Pkt. 25c, $\frac{1}{2}$ oz. 60c, oz. \$1.10, $\frac{1}{4}$ lb. \$3.25.

MARY PICKFORD

Mary Pickford has for years been called "America's Sweet-heart." The Sweet Pea named for Mary Pickford (by special permission) almost equals the little lady herself in both grace and beauty, and it is difficult to describe all the points of beauty of this wonderful new variety. Mary Pickford is one of the choicest Spencer varieties that has ever been introduced. Mary Pickford is a sturdy grower, producing an abundance of four flowered sprays on long stout stems. Mary Pickford is a beautiful light and dainty cream pink with just the faintest suggestion of salmon making the color combination difficult to equal and most hard to surpass. This beautiful Sweet Pea is an entirely new color and must be seen to be really appreciated. This Sweet Pea was awarded the certificate of merit by the National Sweet Pea Society of Great Britain. (Pkt. (12 seeds) 25c.

NOT MORE THAN TWO
OUNCES OF EACH OF
THESE THREE WONDER-
FUL NEW NOVELTIES CAN
BE SUPPLIED TO A SINGLE
CUSTOMER

(MARY PICKFORD PER
PKT. ONLY)

WE HAVE ONE OF THE
BEST COLLECTIONS OF
THE MOST UP-TO-DATE
VARIETIES OF SWEET
PEAS KNOWN.

NO HOME IS COMPLETE
WITHOUT THE MOST
FAVORITE FLOWERS
OF ALL—SWEET PEAS



WE FEEL SURE THAT
MANY OF OUR CUSTOMERS
WILL WANT TO INCLUDE
ALL THREE VARIETIES IN
THEIR GARDEN. ONE
PACKET EACH OF THE
PRESIDENT HARDING,
MARY PICKFORD,
CRIMSON KING AND
DEFIANCE (VALUE 90c)
WILL BE MAILED TO ANY
ADDRESS POSTPAID

FOR

75¢

CRIMSON KING

CRIMSON KING—This wonderful new Sweet Pea is unquestionably the most remarkable self-colored crimson Sweet Pea ever introduced. The strong growing vines produce freely, very long stemmed sprays of four or five large blossoms. The color is a magnificent rich ox blood crimson, becoming richer in the throat, a distinctly new shade of crimson, very bright. Crimson King was awarded a certificate of merit by the Royal Horticultural Society of England. Pkt. 15c, $\frac{1}{2}$ oz. 40c, oz. 75c, $\frac{1}{4}$ lb. \$2.25.

DEFIANCE

DEFIANCE—It is almost impossible to express in words the exquisite beauty of this new Sweet Pea. The color is a pleasing orange scarlet, absolutely burnless. Defiance has a charming form. It is of immense size and of vigorous robust habit; carries four very large size flowers on long stout stems, which are produced in great profusion. An outstanding variety which must be seen to be appreciated. Pkt. (25 seeds) 25c, 3 pkts. 60c, $\frac{1}{2}$ oz. \$2.75, oz. \$5.00.

SPENCER SWEET PEAS

"Produce the Largest Most Beautiful Flowers Known"

Sweet Peas deserve the place they have earned in the hearts of all lovers of flowers. They are quickly and easily grown from seed, will thrive in any garden and bear all summer an abundance of beautiful, fragrant flowers of many wonderful shades and tints. We have selected the following list of the newest and choicest up to date Sweet Peas known, for color, size of blossoms and long stems and have the endorsement of the leading American and European specialists. Many of the varieties we offer have been awarded the Certificate of Merit by both the American Sweet Pea Society and the Royal Horticultural Society of England.

How to Grow Sweet Peas—The general opinion is that Sweet Peas being common and hardy can be planted anywhere, which accounts for a lot of failures. There is no reason why everyone should not have fine flowers if they will observe a few simple rules. First of all **plant early**. We recommend the middle of April. Dig deeply. If you are growing sweet peas every year, try and prepare your ground in the Fall, and dig 18 inches deep, mixing manure thoroughly in the subsoil. The surface soil in which the seed is sown should not contain manure. If you start in the Fall you will find you can sow earlier in the Spring. If you can't secure manure, use bone meal or commercial fertilizers containing phosphate and potash. Cover the ground an eighth of an inch with these and then dig in and mix thoroughly with the soil. Sow the seed three inches deep if on sandy soil, or two if in clay. Sow thin unless you have the courage to pull them out after they come up. You can't have fine flowers through the season when plants are very thick. Two or three inches apart, or better four inches if you want big flowers. Cultivate as soon as they are up and keep cultivating. Stake them as soon as the rows show plainly. For the first month they scarcely make any growth above ground, but don't need water unless the season is very dry. Later on, when they are showing vigorous growth, a thorough watering twice a week will help wonderfully, if there is not sufficient rain. Don't plant them alongside a house, under trees or close to a board fence and expect much from them. They need open space. Inoculate the seed with farmogerm and assure success. Spray thoroughly and often to prevent infection by aphids. We recommend spraying with black leaf "40" for this purpose. Leaflet on Sweet Pea Culture, Free.

WHITE. KING WHITE. Remarkable for the glistening purity of the whiteness and the perfect finish of the flower. Pkt. 10c, ½ oz. 20c, oz. 40c, ¼ lb. \$1.20.

CONSTANCE HINTON. A very fine black-seeded, white-flowered variety; of largest size. Pkt. 10c, ½ oz. 20c, oz. 40c, ¼ lb. \$1.20.

WHITE SPENCER. A pure wavy white of enormous size and splendid substance; long strong stems. Pkt. 10c, oz. 35c.

CREAM. DOBBIES CREAM. Deep cream-yellow, exquisite Pkt. 10c, ½ oz. 20c, oz. 40c, ¼ lb. \$1.20.

NEW BUTTERCUP. Considered by many the best cream colored Spencer. Large flowers, beautifully waved and frilled. Pkt. 10c, ½ oz. 25c, oz. 45c, ¼ lb. \$1.35.

PRIMROSE. One of the finest in its class, clear primrose beautifully wavy flowers; large and mostly four blossoms on each stem. Pkt. 10c, ½ oz. 25c, oz. 40c, ¼ lb. \$1.20.

DEEP PINK. COUNTRESS
The original giant flowered Spencer with finest waved standard and wings clear pink, deepening somewhat towards the edge, but almost self-colored. Still one of the best Sweet Peas of today. Pkt. 10c, ½ oz. 25c, oz. 40c, ¼ lb. \$1.20.

HEBE. A giant rose-pink both standard and wings, vigorous vines and fine long stems. Flowers extra large and fine. Pkt. 10c, ½ oz. 25c, oz. 45c, ¼ lb. \$1.35.

HAWLMARK PINK. This is undoubtedly one of the finest varieties now in cultivation. The color is a most beautiful shade of rich rose-pink, deeply flushed and shaded with salmon. The wings are bright rose-pink while the standard is somewhat lighter in color, the pink being toned down with salmon. The flowers are large, usually borne in fours, each bloom being nicely placed on the long stout stems. A vigorous grower, and exceptionally free-flowering. Awarded Certificate of Merit by The Pennsylvania Horticultural Society, The American Sweet Pea Society, and The National Sweet Pea Society of England. Pkt. 10c, ½ oz. 40c, oz. 40c, ¼ lb. \$1.20.

LIGHT PINK. DAISYBUD
The color of flowers is a harmonious combination of apple-blossom tints with a suggestion of cream-pink. The texture of the flowers is substantial and dainty. Pkt. 10c, oz. 45c.

MAVIS. A charming shade of soft, yet rich rose-pink on a white ground. One of the really "worth while" varieties. The flowers are very large, well waved, and usually borne in fours. Pkt. 10c, ½ oz. 25c, oz. 40c, ¼ lb. \$1.20.

CONQUEST A distinct and unusually attractive variety. The flowers are large, much waved, flushed, and heavily suffused with salmon-pink on a glistening pure white ground. Pkt. 15c, ½ oz. 35c, oz. 65c, ¼ lb. \$2.00.

CREAM-PINK. PICTURE. The flowers are simply enormous and no other variety measures as much across the standard as PICTURE. The flowers are well waved and exquisitely frilled on the edges. The color is a blend of cream and pink shades altogether different from the ordinary pale cream-pinks, and having a deeper flush of color on the wings, which is particularly effective. This pink shade is brought out by the creamy flush in the center of the standard. The flowers are exquisitely arranged on long strong stems, and four flowers on a stem. Pkt. 15c, ½ oz. 30c, oz. 50c, ¼ lb. \$1.50.

SWEET PEA NOVELTIES—SEE PAGE 67

MRS. A. HITCHCOCK A charming shade of soft pink flushed with salmon on a cream ground. Pkt. 10c, oz. 40c, ¼ lb. \$1.20.

GIANT ATTRACTION A beautiful fawn pink on cream ground. Pkt. 10c, oz. 40c, ¼ lb. \$1.20.

BRIDESMAID A most pleasing shade of rich salmon-pink on ivory-cream ground, resembling almond blossoms. Large, well-shaped flowers, carried gracefully, four on a stem. Pkt. 10c, ½ oz. 25c, oz. 45c, ¼ lb. \$1.35.

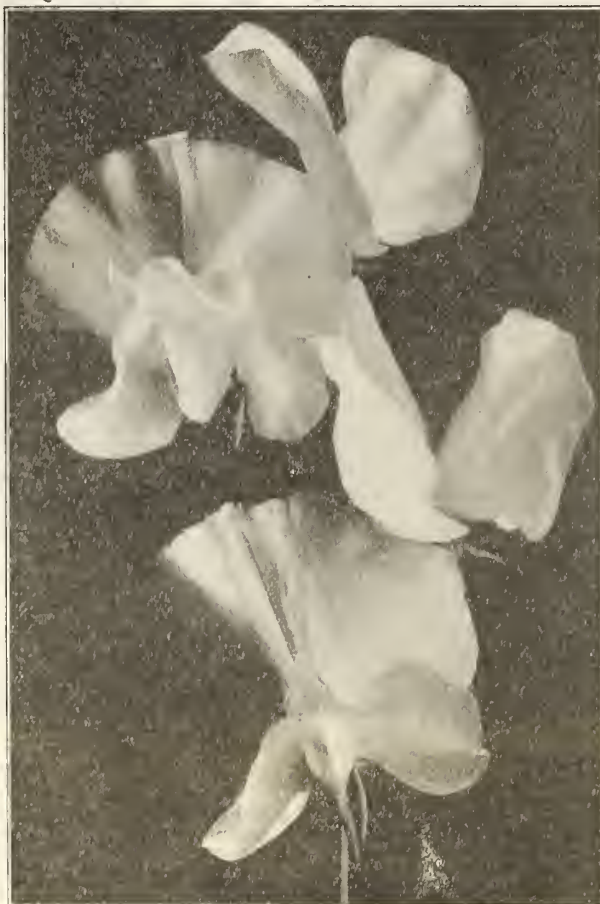
MARGARET ATEE A rich, glowing pink on cream ground, softly suffused with salmon. Pkt. 10c, ½ oz. 25c, oz. 45c, ¼ lb. \$1.35.

SALMON. BARBARA A superb salmon-colored self that makes a telling bunch either for exhibition or table decoration. Pkt. 10c, ½ oz. 25c, oz. 40c, ¼ lb. \$1.20.

STERLING STENT The color is rich glowing deep salmon self, suffused with orange. Pkt. 10c, ½ oz. 25c, oz. 40c, ¼ lb. \$1.20.

BLUSH. ELEGANCE Delicate and beautiful in color, robust and free in growth and habit, this charming new Sweet Pea is destined to become a general favorite with all growers. The color is blush-lilac, or white faintly suffused with a pinkish lilac which is most artistic and altogether charming. Pkt. 10c, ½ oz. 25c, oz. 40c, ¼ lb. \$1.20.

VALENTINE This is a new variety of great merit. Of vigorous habit, the large flowers are a most pleasing shade of light pink. Beautifully waved and well placed on the long stout stems. It is unsurpassed for cutting or exhibition purposes. Pkt. 10c, ½ oz. 25c, oz. 40c, ¼ lb. \$1.20.



Spencer Sweet Peas

SPENCER SWEET PEAS

"Are the Largest and Most Beautiful Shades Known"

ROSE. ROSALIND (New) is a revelation of daintiness and beauty. It is freely admitted by experts to be the finest Sweet Pea in its color class. ROSALIND produces flowers of enormous size. The individual blooms are charmingly fluted and waved. The blooms are extremely large and well formed. They are usually borne in fours on stout stems of great length. ROSALIND is a wonderful bloomer, bearing the graceful four-flowered sprays in great profusion. It is extremely vigorous and strong growing.

The rich rose-carmine color of ROSALIND is softened and improved by the delicate salmon suffusion which is noticeable toward the base of the standard and wings. The color is greatly intensified during bright sunny weather. The substance of the flowers is heavy and thick, adding greatly to the weight and beauty of the flowers. ROSALIND was awarded Certificate of Merit by the American Sweet Pea Society, and by the Pennsylvania Horticultural Society. Pkt. 10c, ½ oz. 30c, oz. 50c, ¼ lb. \$1.50.

OLD ROSE The color is a beautiful old rose, as named; should be shaded from the hot sun. Blooms profusely. Pkt. 10c, ½ oz. 25c, oz. 40c, ¼ lb. \$1.20.

ROSABELLE Deep rose self with a white blotch at the base of the standard and wings. Pkt. 10c, ½ oz. 25c, oz. 40c, ¼ lb. \$1.20.

ORANGE. TANGERINE This is the last word in orange-colored Sweet Peas. Deep orange, almost approaching the color of a tangerine-orange. Flowers of great size, beautifully waved and well placed. Pkt. 10c, ½ oz. 30c, oz. 55c.

HELEN LEWIS Orange-rose wings and intense rich crimson-orange standard. An old favorite. Pkt. 10c, ½ oz. 20c, oz. 40c, ¼ lb. \$1.20.

GOLDEN GLOBY A beautiful glowing orange. Usually four blooms on strong stiff stems. Pkt. 10c, oz. 45c, ¼ lb. \$1.25.

ORANGE-SCARLET. THOMAS STEVENSON Flaming orange-scarlet standard with wings of rosy carmine shaded orange. Pkt. 10c, ½ oz. 25c, oz. 40c, ¼ lb. \$1.20.

THE PRESIDENT A brilliant orange-scarlet flower, always of largest size. The blooms, usually in fours, are carried on strong stiff stems. Pkt. 10c, ½ oz. 25c, oz. 35c, ¼ lb. \$1.10.

SCARLET. MRS. C. P. TOMLIN This is now the leader among crimson-scarlets. Remarkable for its richness and substance. The color is scarlet with a touch of fiery red in it. Flowers of the largest size, producing an abundance of four-flowered sprays on very long stems. Award of Merit National Sweet Pea Society of England. Pkt. 10c, oz. 40c, ¼ lb. \$1.20.

VERMILLION BRILLIANT The standard and wings are of intense pure scarlet. Pkt. 10c, oz. 40c, ¼ lb. \$1.20.

SENSATION (New) Rich dazzling scarlet. An outstanding color and well ahead of all others in this shade. Is well named. Pkt. (about 30 seeds) 25c, ½ oz. 65c, oz. \$1.25.

CRIMSON. KING EDWARD Deep rich crimson; a strong and beautiful color. Does not fade or scorch. Pkt. 10c, ½ oz. 25c, oz. 40c, ¼ lb. \$1.20.

ROYAL SCOT (New) Of all brilliant scarlet shades of Sweet Peas sent out either in this country or Great Britain, none surpass ROYAL SCOT. In size and form, it is far superior to any other of this shade, and does not fade or burn in the hottest sunshine. One of the best recent novelties. Pkt. (about 30 seeds) 25c, ½ oz. 40c, oz. 75c, ¼ lb. \$2.50.

CHARITY A great advance in its color class; a flower of great size and finest form. It is worthy of a place in all first class collections. The color is a rich brilliant crimson which does not burn in the sun. A vigorous grower; the exquisitely waved flowers are usually produced in fours on very long stems. Pkt. 10c, ½ oz. 25c, oz. 40c, ¼ lb. \$1.20.

LIBERTY A glowing bright crimson, waved usually four on long strong stems. Pkt. 10c, ½ oz. 25c, oz. 45c, ¼ lb. \$1.25.

CERISE. ILLUMINATOR Glowing cerise-salmon with an indication of bright orange. Under artificial light, the flowers appear to be a glowing orange-scarlet. Pkt. 10c, ½ oz. 25c, oz. 40c, ¼ lb. \$1.20.

FIERY CROSS The standard is a scorching fire-red of rich orange-scarlet, which scintillates and glitters in the bright sunlight with a glowing, fire-like sheen that radiates over the entire flower, including the rich, cherry-orange wings. Pkt. 10c, ½ oz. 25c, oz. 40c, ¼ lb. \$1.25.

ALEXANDER MALCOLM Unsurpassed glowing scarlet cerise. A magnificent color. Pkt. 10c, ½ oz. 25c, oz. 40c, ¼ lb. \$1.25.

ROYAL SALUTE A beautiful scarlet cerise, blooms very large on strong stems. Pkt. 10c, ½ oz. 25c, oz. 40c, ¼ lb. \$1.25.

DORIS A lovely soft salmon-cerise. A beautiful shade. Pkt. 10c, ½ oz. 25c, oz. 40c, ¼ lb. \$1.25.

GLORY (New) A particularly bright, glowing salmon-cerise. Flowers are of great size. By many experts picked to be the best of the cerise colored varieties. Pkt. 10c, ½ oz. 25c, oz. 45c, ¼ lb. \$1.35.

BRILLIANT Brilliant cherry-cerise. A flower with every good quality. Pkt. 10c, ½ oz. 25c, oz. 45c, ¼ lb. \$1.35.

LAVENDER. ORCHID This is a rich tone found only in the Cattleya Orchids. Of extra-large size; one of the best lavenders. Pkt. 10c, oz. 40c, ¼ lb. \$1.20.

B. F. FELTON A soft, pleasing shade of lavender, suffused rose, wings French gray. Pkt. 10c, oz. 40c, ¼ lb. \$1.20.

AUSTIN FREDERICK Large, waved lavender flowers produced on long stems. Blooms profusely, good spencer form. Pkt. 10c, ½ oz. 25c, oz. 35c, ¼ lb. \$1.10.

HELIO (New) The standard has a bronze tint on lavender, the wings tend to lavender though even here the bronze is detected. Pkt. (about 30 seeds) 25c, ½ oz. 55c, oz. \$1.00.

HAWLMARK LAVENDER (New) A true, clear light lavender with flowers of the largest size. Easily the best of its class. Pkt. (about 30 seeds) 10c, ½ oz. 25c, oz. 45c, ¼ lb. \$1.50.

BLUE. MRS. TOM JONES (New) Bright delphinium-blue. The flowers are very large and of great substance, beautifully waved, and invariably come four on a stem of great length. A first-class rich blue has long been wanted and now we have it in this charming and beautiful novelty. Pkt. 15c, ½ oz. 25c, oz. 45c, ¼ lb. \$1.35.

JACK CORNWELL, V. C. A very fine dark blue of enormous size and excellent form. Vigorous, bearing four flowers on a stem. Pkt. 10c, ½ oz. 25c, oz. 40c, ¼ lb. \$1.25.

COMMANDER GOODSALL A beautiful shade of violet blue a very charming color. Pkt. 10c, ½ oz. 25c, oz. 45c, ¼ lb. \$1.35.

MAGIC (New) Rose amethyst blue deepening to blue at base. Pkt. (about 30 seeds) 35c, ½ oz. 65c, oz. \$1.25.

MAUVE. KING MAUVE A pleasing shade of rosy mauve and a flower of great size. The immense blooms are freely borne on extra long stiff stems. They are well placed and charmingly waved or frilled. Pkt. 10c, ½ oz. 25c, oz. 40c, ¼ lb. \$1.20.

PURPLE. ROYAL PURPLE The color is a rich warm purple, the younger flowers having a slightly softer color tone. Pkt. 10c, ½ oz. 25c, oz. 40c, ¼ lb. \$1.20.

LE MAHDI (New) Very large flowers of a rich beautiful shade of purple. Distinct and quite an advance. Pkt. (about 30 seeds) 15c, ½ oz. 40c, oz. 75c, ¼ lb. \$2.00.

MAROON. WARRIOR The color is a rich reddish maroon, flushed with bronze. Lovers of dark shades will appreciate this fine color. Pkt. 10c, oz. 40c, ¼ lb. \$1.20.

HAWLMARK MAROON A rich red-maroon; the flowers have a glistening sheen resembling polished mahogany. A remarkably strong grower, producing in abundance four-flowered sprays on very long stems. Received an Award of Merit from The Royal Horticultural Society, England. Pkt. 15c, ½ oz. 25c, oz. 40c, ¼ lb. \$1.20.

PICOTTE EDGED. JEAN IRELAND Beautiful cream huff ireland margined carmine rose. The finest picotte cream Spencer. Pkt. 10c, ½ oz. 25c, oz. 40c, ¼ lb. \$1.20.

ANNIE IRELAND Pure white with distinct edge of Terra cotta pink, very beautiful. Pkt. 10c, ½ oz. 25c, oz. 40c, ¼ lb. \$1.20.

CHEERUP One of the most attractive of all picotte varieties. A deep rich cream, charmingly edged with bright rose. Very large and free flowering. Pkt. 10c, ½ oz. 25c, oz. 40c, ¼ lb. \$1.20.

Spencer Sweet Peas Mixed

A splendid mixture, composed of Giant Waved Spencer varieties, blended in proper proportion of bright colors and including several new hybrids of exquisite colors and shades. The varieties included in this mixture will produce from three to four flowers on a stem. ½ oz. 20c, oz. 30c, ¼ lb. 90c, ½ lb. \$1.50, 1 lb. \$2.75.

Special Offer of Spencer Sweet Peas

We will send you one 10c package each of the 46 varieties listed (not including 15c or 25c packages) 10c packages only, for \$4.00.

Your choice of any 15 varieties (not including 15c or 25c packages) 10c packages only, for \$1.25.

Our choice of any 15 varieties, (10c packages) for \$1.00.

SWEET PEAS---New Giant Early Flowering Spencer

This new type is receiving great attention by the leading hybridizers and already nearly all colors are represented. This new race of Early Flowering Spencer Sweet Peas are particularly adapted to sections where the summer flowering Spencer varieties have not proved satisfactory. They are now very popular and in great demand by florists for forcing under glass for winter and early spring blooming, but are just as valuable for the amateur for outdoor culture coming into flower four to five weeks earlier than the regular summer flowering varieties and if the flowers are kept picked will continue to bloom over a period of nearly four months. The flowers are large of the same form as the Spencers and are beautifully waved or frilled. We offer the following carefully selected varieties.

Inoculate the seed with farmogerm and assure success. Spray thoroughly and often to prevent infection by aphids. We recommend spraying with black leaf "40" for this purpose.

WHITE. EARLY SNOWSTORM The flowers are very large, of excellent size, and pure white in color. Pkt. 15c, ½ oz. 30c, oz. 50c, ¼ lb. \$1.50.

ALL WHITE The largest waved pure white, immense size. Of vigorous habit and extremely free-flowering. Pkt. 15c, ½ oz. 40c, oz. 70c, ¼ lb. \$2.00.

CREAM. EARLY CANARY BIRD This is a splendid rich deep cream or primrose-colored self. The flowers are of great size, beautifully waved, borne three or four on a stem. Pkt. 15c, ½ oz. 35c, oz. 60c, ¼ lb. \$1.80.

EARLY LEMON BEAUTY This variety goes with those of a bright cerise or fiery shade; in fact, the rich coloring of the latter is accentuated when associated with Lemon Beauty. As the name indicates, this novelty is a soft primrose or pale lemon-colored variety, the standard and wings being softly tinted amber, and sometimes lightly veined with rose-pink. Pkt. 15c, ½ oz. 30c, oz. 50c, ¼ lb. \$1.50.

CREAM-PINK. EARLY DAYBREAK A pleasing shade of rich rose-pink on cream ground, the color becoming deeper toward the edge of standard and wings. The entire flower is lightly suffused with salmon. The plants make a sturdy and strong growth and bloom very freely. Pkt. 15c, ½ oz. 30c, oz. 50c, ¼ lb. \$1.50.

EARLY SUNBURST (New) The color is a pleasing and attractive shade of rich salmon-pink, intensified toward the outer portion of the standard and wings, which are overlaid with a suffusion of amber and salmon. The flowers are borne on long stout stems and the habit of the plant is vigorous, beginning to bloom early and continuing for a long time. **SUNBURST IMPROVED** is a particularly fine and pleasing variety and of a color that is always appreciated and in demand. It is equally valuable for fall, mid-winter, and spring being early and easily grown. Pkt. 15c, ½ oz. 40c, oz. 75c, ¼ lb. \$2.20.

LIGHT PINK. EARLY LOVELINESS The color is white, the entire flower being suffused soft pink until it reaches the edges, which are distinctly picoteed with rose pink. A very free-flowering and strong growing variety. Pkt. 15c, ½ oz. 30c, oz. 50c, ¼ lb. \$1.50.

EARLY PEACH BLOSSOM An altogether new and distinct color in Sweet Peas, and which may be described as a pale amaranth-pink which deepens somewhat around the edges of the standard and wings being of the same shade. A vigorous grower and free-flowering, with stems of great length. Pkt. 15c, ½ oz. 30c, oz. 50c, ¼ lb. \$1.50.

EARLY MRS. A. A. SKACH Fine pink. Pkt. 10c, oz. 50c.

EARLY MELODY A deeper shade of pink than Early Song Bird; a good pink closely resembling Countess Spencer. The flowers are borne on long stems mostly four large, well waved blossoms to each stem. Pkt. 10c, ½ oz. 25c, oz. 50c, ¼ lb. \$1.50.

Alphabetical List of Grandiflora Sweet Peas

The overshadowing size and beauty of the Spencer Sweet Peas has gradually reduced the demand for most varieties of the Grandiflora types, so that we now offer only a list of these limited to the popular sorts.

	Oz.	¼ lb.	1 lb.
AMERICA —White ground flaked and striped with crimson.....	\$.20	\$.50	\$1.75
BLACK KNIGHT —Dark maroon, veined black .....	.20	.50	1.75
COUNTRESS OF RADNOR —Lavender .....	.20	.50	1.75
DOROTHY ECKFORD —Large white .....	.20	.50	1.75
FLORA NORTON —Bright sky blue .....	.20	.50	1.75
KING EDWARD VII —Deep red .....	.20	.50	1.75
LADY G. HAMILTON —Light mauve .....	.20	.50	1.75
MRS. E. KENYON —Large clear primrose .....	.20	.50	1.75
MRS. WALTER WRIGHT —Rose purple .....	.20	.50	1.75
MISS WILMOTT —Orange pink .....	.20	.50	1.75
OTHELLO —Very dark maroon .....	.20	.50	1.75
PRIMA DONNA —Pure pink, self colored .....	.20	.50	1.75
QUEEN ALEXANDER —Bright scarlet, red, self-colored .....	.20	.50	1.75

SWEET PEAS IN MIXED COLORS

	Oz.	¼ lb.	1 lb.
PEERLESS MIXED —The best Grandiflora Mixture, colors well proportioned	\$.15	\$.40	\$1.50
LIGHT COLORS MIXED —Our best mixed of all light colors.....	.20	.50	1.75
CUPID DWARF OR BEDDING MIXED —Low growing, suitable for borders and driveways.....	.20	.60	2.00

LATHYRUS---Everlasting or Perennial Sweet Peas

A hardy perennial climber. Sow the seed in rich ground early in the Spring, covering one inch deep. Trellis should be provided for the vines to climb. The young plants start slowly but make a strong growth and bear large compact clusters of flowers resembling those of the Sweet Pea but without fragrance, and give profusion of bloom from early Summer until late in the Fall. They die down in Winter but start again from the old roots in the Spring.

Red, Pkt. 15c, ½ oz. 40c, oz. 75c.

White, Pkt. 15c, ½ oz. 50c, oz. 90c.

Mixed, Pkt. 10c, ½ oz. 35c, oz. 65c.

Pink, Pkt. 15c, ½ oz. 40c, oz. 75c.

PERENNIAL SWEET PEAS—SEE ILLUSTRATION PAGE 32

SALMON. EARLY APRICOT Glowing deep salmon self, suffused with orange. Grown under glass the color is particularly rich, and under artificial light it is truly magnificent. Although the flowers are not of largest size, this is more than compensated for in the unique coloring. Pkt. 15c, ½ oz. 45c, oz. 85c, ¼ lb. \$2.55.

EARLY HELEN LEWIS OR MORNING STAR Identical in color and size of blossoms to the late-flowering Helen Lewis, being a fine shade of salmon-pink. Pkt. 10c, ½ oz. 35c, oz. 70c.

ROSE. EARLY ROSEBUD Beautiful large flowers of a bright shining rose with a suffusion of bronze throughout the standard. Pkt. 10c, ½ oz. 35c, oz. 65c.

EARLY ZVOLANER'S ROSE This is a widely known variety with large flowers and bold stems. Color a rich rose. Pkt. 10c, ½ oz. 40c, oz. 75c.

EARLY SPLENDOR A magnificent deep rose self with a distinct white blotch at the base of standard and wings. Very large flowers of excellent form. Pkt. 10c, oz. 60c.

CRIMSON. EARLY KING The finest early flowering crimson with flowers of great size and perfect form averaging fully 2 inches in diameter. Pkt. 10c, ½ oz. 35c, oz. 60c, ¼ lb. \$1.80.

EARLY ROSY MORN A pleasing shade of rose with crimson-scarlet standard. Pkt. 10c, ½ oz. 35c, oz. 60c, ¼ lb. \$1.80.

CERISE. EARLY FIRE KING Scorching cerise-scarlet of very largest size. Pkt. 10c, ½ oz. 25c, oz. 45c, ¼ lb. \$1.35.

EARLY ILLUMINATION Glowing salmon-cerise with a suspicion of orange. Vigorous and strong. Pkt. 15c, ½ oz. 30c, oz. 50c, ¼ lb. \$1.50.

LAVENDER. EARLY LAVENDER KING A rich, true deep lavender of large size and beautiful form. Pkt. 15c, ½ oz. 30c, oz. 50c, ¼ lb. \$1.50.

BLUE. EARLY BLUE-BIRD This is a charming shade of blue. Somewhat similar to Wedgwood, but more of a true self, especially as the flower ages. It has become a leader in its color and is now grown very largely in all parts of the country. The fine large flowers are invariably borne in fours. Recommended for all seasons. Pkt. 10c, ½ oz. 25c, oz. 45c, ¼ lb. \$1.35.

MAUVE. EARLY HEATHER BELL The color is a rich and pleasing mauve, changing to a beautiful mauve lavender after cutting. Flowers are very large, borne in threes and fours on long stout stems and are of beautiful bold Spencer form. Pkt. 10c, ½ oz. 25c, oz. 45c, ¼ lb. \$1.35.

EARLY FLOWERING SPENCERS MIXED A choice mixture of the foregoing named Early Flowering Spencer Varieties. Pkt. 10c, ½ oz. 40c, ¼ lb. \$1.20, ½ lb. \$2.20, 1 lb. \$4.00.

TO OUR CUSTOMERS

We issue the following list of Pamphlets and leaflets on the subjects named. They will be found of great value both to the amateur and also the more advanced gardener, and have been compiled by experts in their several lines. We will be pleased to send any of the Following you are especially interested in—free—on application.

FRUITS—

Strawberries and Bush Fruits. Standard Fruits.

TREES, ETC.—

Deciduous Trees and Shrubs. Lawns—How to Prepare.
Evergreen Trees and Shrubs. Hardy Climbers.

HARDY FLOWER GARDEN—

Hardy Perennials; Peonies; Iris; Pansies.

HOUSE AND GARDEN PLANTS—

Ferns; Geraniums; Cyclamen; Dahlias; Sweet Peas; Roses.
Care of House Plants.

VEGETABLE GARDEN—In General—Mushrooms—Tomatoes.

FARM CROPS—

Alfalfa; Registered Grimm Alfalfa; Corn in Montana; Field Peas; Brome Grass; Sweet Clover; Crops for Emergency; Rosen Rye; Sudan Grass; Sugar Beets; Western Rye Grass; Soy Beans.

INSECTICIDES—SPECIAL TOOLS, ETC.—

Black Leaf 40; Insecticides; Weeders; Planet Jr. Catalogs, etc.

FOR THE FARMER

FARMERS READY REFERENCE BOOK—The most complete farm book on the market. Every department of farm life covered in detail by experts. Each (Postpaid), 25c, while the supply on hand lasts. Well worth several times its cost.

SPECIAL FOR THE FARMER—A set of 20 varieties of Farm Seeds, Alfalfa, Clovers, Millets, Grass Seeds, etc. mounted under glass, with seeding table accompanying. A most useful outfit for the farmer desiring to know seeds and to have the means of identification on hand. Price (Postpaid) 25c.

PARCEL POST RATES

PARCEL POST RATES		First	Each
within the United States.		pound or	additional
Rate to Canada; 12c per lb. or fraction thereof		fraction	pound or
			fraction
First Zone within 50 miles of Helena	.....	7c	1c
Second Zone within 50 to 150 miles	.....	7c	1c
Third Zone within 150 to 300 miles	.....	8c	2c
Fourth Zone within 300 to 600 miles	.....	9c	4c
Fifth Zone within 600 to 1000 miles	.....	10c	6c
Sixth Zone within 1000 to 1400 miles	.....	11c	8c
Seventh Zone within 1400 to 1800 miles	.....	13c	10c
Eighth Zone all over 1800 miles	.....	14c	12c

NOTICE

Within Local Zone and Zones 1, 2 and 3, packages up to 70 pounds in weight are carried. The limit of weight for all other Zones is 50 pounds. Articles measuring more than 7 feet in length and girth combined cannot be shipped by parcel post.

Postage rate to Canada or other Foreign Countries is 12c per pound or fraction thereof **PLUS TWO CENTS.**

IMPORTANT—PLEASE READ

MISTAKES—These will happen in spite of all care. Write us at once with a copy of original order if possible, and errors will be promptly rectified. We do not want you to "Keep quiet" if everything is not received as ordered, but please be **SURE TO COMPARE THE GOODS RECEIVED WITH A COPY OF YOUR ORDER. WE FREQUENTLY FIND ON LOOKING UP THE ORIGINAL ORDER THAT THE ITEMS COMPLAINED OF AS "MISSING" WERE NEVER ORDERED.**

NOTICE--- WHEN ORDERING—Be sure to state distinctly quantities wanted, such as pkt., oz., ¼ lb., 1 lb., etc., with price. By so doing mistakes can be avoided and orders will be executed promptly.

A FEW THINGS WORTH KNOWING

HELPFUL HINTS TO VEGETABLE GARDENERS

Plow or spade before the ground freezes, if you can. A little fertilizer or manure will insure better crops. Don't cover the seed too deep. It will germinate more quickly if only a little soil is on the seed. Leave the garden alone until the plants come up. If you have sown bulk seeds, thin rows after plants are up an inch or two. Lima Beans should be planted with the eye down and covered one inch deep. Order your seeds so that you can take advantage of the first signs of spring. When you water do it thoroughly, don't sprinkle, soak. Plant early everything but beans, wrinkled peas, and vine crops. If soil is dry, water may be put on. Let it run slowly and don't spare the water—it's cheap. Don't think water will take the place of thorough cultivation—it won't. You will have a better garden if you use the hoe more, and the hose less. Weeds are garden robbers. Kill them when they are small. For large head lettuce, thin out to at least six inches. Plant enough to have some vegetables for home canning. Buy only first-class, reputable seeds, even if it means less of them. Get a good spray and use it. Hoe often to loosen the soil and hold moisture around the roots of the plants. A small hand cultivator will make you feel like a professional gardener. It will soon pay for itself. Saves time and labor.

See Last Pages of Catalog.

Don't try "watchful waiting" for bugs, worms and other vermin. Swat 'em or they will spoil your plants. Plant small, quick growers like lettuce, radishes, etc., between the rows of larger, slower maturing sorts. In the case of early sorts such as spinach, start tomatoes, corn, etc. between the rows to occupy the ground after the former is harvested. Never cultivate or handle any kind of beans when the vines are wet. This is the easiest way to spread a serious disease and ruin the crop. To ensure a succession of such plants as peas, beans, lettuce, radishes, beets, kohlrabi, etc., sow a fresh row every week or ten days.

MILDEW

For the control of mildew, pulverized sulphur is dusted full strength on the diseased plants. A tin can with small holes punched in the bottom makes a good sifter for this purpose, or a cheap flour sifter may be used. The holes in a flour sifter are the proper size for this purpose.

THE SUCKING INSECTS

For the destruction of insects which suck the sap of plants, such as the plant lice, or aphids, it is necessary to use a mixture which kills by contact or substances which smother. Aphids or plant lice, usually collect on the underside of leaves, causing them to crumple.

To destroy these sucking insects use "Black Leaf 40" liquid or Nicotine Dust.

See Insecticides.

THE EATING INSECTS

The eating insects, or those which eat fruit or foliage, may usually be killed by using a spray of poisonous solution or by dusting poison powders on the plants attacked. Arsenate of Lead is a favorite poison for this purpose, and may be used in spray or powder, but it must be handled with care as it is poisonous to human beings. It should never be applied to vegetables that are soon to be used, nor on cabbage or cauliflower after the heads have begun to form.

Paris Green has long been used for protection, but arsenate of lead is now used much more extensively and is considered better.

PLANT A GARDEN

FOR HEALTH AND WEALTH—A BIG SAVINGS IN THE FAMILY BUDGET

THE FLOWER AND VEGETABLE GARDEN

It is a moral trait in human nature to love to "grow things." Beautiful blossoms, good vegetables, and beautiful flowers, shrubs, etc. Gardening gives pleasure in the producing of nice, crisp, fresh vegetables for the family table. No vegetables ever come to the table like those gathered fresh from the home garden. Gardening is profitable because better health is assured by the exercise in the open air and the use of more vegetables in the diet.

A space 50x50, if properly planned and cared for, will produce far more vegetables than the average family can consume and if purchased in the market would exceed \$60 to \$100 in cost. Therefore the cost of the family's food can be reduced by having a supply of vegetables of various varieties at hand. Many people think that all planting must be done during Spring months. "That is not true." For "succession" sowing may be made throughout the summer of vegetables such as beet, carrots, endive, lettuce, peas, radish, spinach, etc.

S. N. & S. CO'S. SEED COLLECTIONS

THESE COLLECTIONS AT SPECIAL RATES, ARE PACKED BEFORE THE OPENING OF THE SEASON AND CAN NOT BE CHANGED IN ANY WAY. WE PREPAY THE POSTAGE ON ALL COLLECTIONS

SCHOOL GIRLS'

Flower Seed Collection

Secure this collection for your daughters to encourage them to take an interest in the garden and make the home beautiful.

- | | |
|-----------------------------|---------------------------|
| 1 Pkt. Asters Finest Mixed. | 1 Pkt. Mignonette Sweet. |
| 1 Pkt. Callioosis. | 1 Pkt. Nasturtiums Mixed. |
| 1 Pkt. California Poppy. | 1 Pkt. Pansy. |
| 1 Pkt. Marigold. | 1 Pkt. Sweet Peas. |

ALL FOR
25c
POSTPAID

SECURE THIS

ALL FOR
25c
POSTPAID

SCHOOL BOYS'

Vegetable Collection

Secure this collection for your boys. Give them a garden of their own and watch the interest they will take; encourage them.

- | | |
|------------------------------|--------------------------------|
| 1 Pkt. Beet Early Round Red. | 1 Pkt. Lettuce Loose Leaf. |
| 1 Pkt. Beans Yellow Wax. | 1 Pkt. Onion Red. |
| 1 Pkt. Cabbage Early. | 1 Pkt. Peas Early. |
| 1 Pkt. Carrot Early. | 1 Pkt. Radish Early Round Red. |

All for 25c Postpaid

Garden Beautiful Collection

- | | |
|-----------------------------|--------------------------|
| 1 Pkt. Asters Finest Mixed. | 1 Pkt. Marigold Mixed. |
| 1 Pkt. Ageratum. | 1 Pkt. Mignonette. |
| 1 Pkt. Alyssum. | 1 Pkt. Nigella. |
| 1 Pkt. Balsam. | 1 Pkt. Poppy Mixed. |
| 1 Pkt. Candytuft. | 1 Pkt. Phlox Mixed. |
| 1 Pkt. Morning Glory. | 1 Pkt. Nasturtium Mixed. |
| 1 Pkt. California Poppy. | 1 Pkt. Pansy Mixed. |
| | 1 oz. Sweet Peas Mixed. |

The above collection will give you a continuous show of beautiful flowers from early spring until late fall.

50c

Postpaid

50c

City Garden Collection

- | | |
|--------------------------------|--------------------------------|
| 1 Pkt. Beans Early Yellow Wax. | 1 Pkt. Lettuce Loose Leaf |
| 1 Pkt. Beans Early Green Pod. | 1 Pkt. Onion Red. |
| 1 Pkt. Beet Early Round Red. | 1 Pkt. Parsnip. |
| 1 Pkt. Cabbage Early. | 1 Pkt. Peas Early. |
| 1 Pkt. Carrot Early. | 1 Pkt. Peas Medium. |
| 1 Pkt. Corn Sweet Early. | 1 Pkt. Radish Early Round Red. |
| 1 Pkt. Cucumber Early. | 1 Pkt. Radish Long. |
| | 1 Pkt. Tomato Early. |
| | 1 Pkt. Turnip Early. |

16 Large Size Packets for only 50c Postpaid.

50c Postpaid

Farm Garden Collection for \$1.50

- | | | |
|-------------------------------|----------------------------|----------------------------------|
| 1 Pkt. Beet Early Round Red. | 1 Pkt. Cauliflower. | 1 Pkt. Parsley. |
| ½ Pt. Beans Early Yellow Wax. | 1 Pkt. Lettuce Loose Leaf. | ½ Pt. Peas Early Dwarf. |
| ½ Pt. Beans Green Pod. | 1 Pkt. Lettuce Head. | ½ Pt. Peas Medium. |
| 1 Pkt. Cabbage Early. | 1 Pkt. Musk Melon Early. | 1 Pkt. Radish Early Round Red. |
| 1 Pkt. Carrot Early. | 1 Pkt. Onion Red. | 1 Pkt. Radish Long. |
| 1 Pkt. Carrot Medium. | 1 Pkt. Onion Yellow. | 1 Pkt. Turnip Early. |
| ½ Pt. Corn Sweet Early. | 1 Pkt. Parsnip. | 1 Pkt. Tomato Early. |
| 1 Pkt. Cucumber Early. | | 1 Pkt. Rutabaga American Purple. |

This Collection of Twenty-three Large Size Packets and ½ Pints, sufficient for a family garden, All for \$1.50 postpaid.

THINK OF IT.

General List of Vegetable Seeds

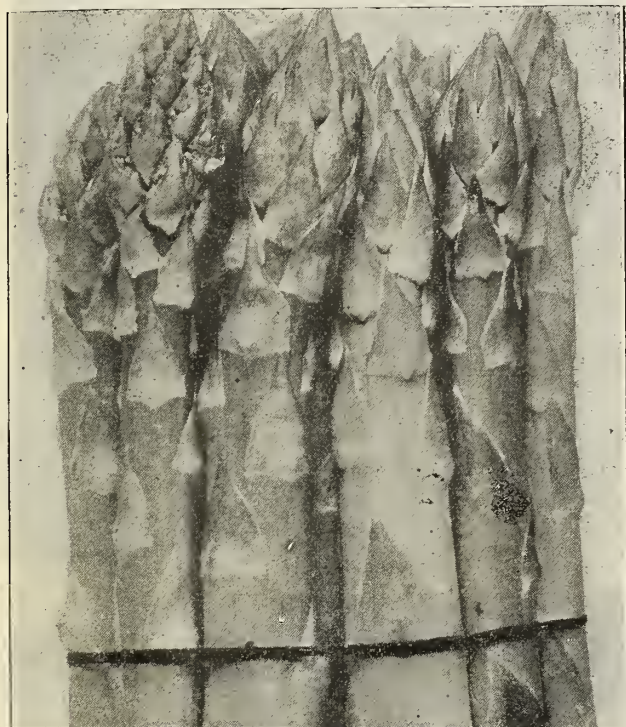
VEGETABLE GARDEN TIME TABLE FOR PLANTING SEEDS From Practical Experience

Asparagus	March to June
Beans (All varieties)	May
Beets (Table varieties)	April to May
Beets (Stock)	May
Broccoli (Hot bed)	March
Brussels Sprouts (Hot bed)	March
Cabbage (Early varieties, hot bed)	March
Cabbage (Late varieties, hot bed)	April
Cabbage (Late in open)	May
Carrots (Table varieties)	April and May
Carrots (Stock)	May
Cauliflower (Hot bed)	March
Celery (Late, hot bed)	April
Chervil	May to July
Cress (Pepper Grass)	May to July

Cress (Water)	May to July
Corn	May 10 to 20
Cucumbers	May
Endive	April to July
Kohl Rabi	May and June
Kale	May
Lettuce	April to May
Leek	May
Melon (Water)	May
Melon (Musk)	May
Onion Sets	March and April
Onion Seed	April
Parsnip	April
Parsley	May
Peas	April to June
Pepper (Hot bed)	March
Potatoes	May

Pumpkin	May
Radish	April to July
Rhubarb	May to July
Salsify	April and May
Spinach	April to August
Squash	May
Sunflower	April to May
Turnip	April to July
Tomato (Hot bed)	March
Tutabaga	May to June

This table is for general use in Montana and has been compiled after much experience in vegetable gardening. This will apply to Idaho, Dakota and Wyoming, also.



ASPARAGUS

1 oz. to 50 feet of drill. 5 lbs. to the acre.

Ger.—Spargel.

Scand.—Asparagus

Sow early in the spring in drills 2 inches deep and 12 inches apart if to be cultivated by hand. One ounce of seed will make about 500 plants. When the plants are one or two years old transplant to rows 5 feet apart, and 18 inches apart in the row. Cover the soil 4 to 5 inches deep with well rotted manure and disc well—then plow as deep as possible and fine with harrow. Turn furrows 5 feet apart, about 6 inches deep. Place plants in rows about 18 inches apart, with roots well spread out. Turn a light furrow back over them and level with the harrow by cross harrowing.

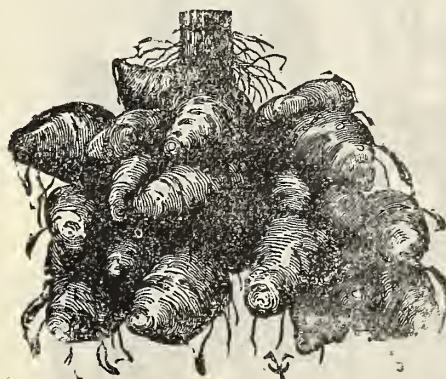
ASPARAGUS—(Conover's Colossal)—The favorite in our western market, having a pink tinge, and very fine flavor, of vigorous growth. Pkt. 5c, oz. 20c, ¼ lb. 50c, lb. \$1.50, postpaid.

ASPARAGUS—(Palmetto)—The plants are strong and vigorous in growth, producing large, thick, dark green shoots, with a distinctly pointed head or tip. Pkt. 5c, oz. 20c, ¼ lb. 50c, lb. \$1.50, postpaid.

WASHINGTON—The New Giant Rust-proof Variety—This new sort is the result of many years work in plant breeding by the U. S. Department of Agriculture. The Washington is a rust-resistant, vigorous, high yielding strain of Giant Asparagus. Plants grow rapidly and produce uniformly long shoots of superior table qualities. It produces large straight shoots of a dark green color. The tips are tight and firm and do not open out or begin to branch until well out of the ground; a very valuable feature. Pkt. 10c, oz. 40c, ¼ lb. \$1.25, lb. \$4.00.

ASPARAGUS ROOTS—See Page 48.

ARTICHOKES



JERUSALEM ARTICHOKE

StimUplant
Makes a
Wonder Garden

Most valuable food for hogs that can be grown. Every hog raiser should plant them. They are not only very healthful, but as a fattening agent are unexcelled. They yield very heavily. 300 to 350 bushels to the acre being realized on good soil. It is not necessary to dig them for if given an opportunity, the hogs will help themselves. Artichokes

need planting but once, and little or no culture after the first year. Cut as potatoes, only smaller; plant in rows three and one-half feet apart. Plow deep, plant shallow, say two inches. The second year, break up the ground as for corn, they will come up thickly all over the surface. Those wishing to purchase should place orders early. Per lb. 25c postpaid, 5 lbs. \$1.10 postpaid, 10 lbs. \$2.00 postpaid, 25 lbs. write for prices.

BROCCOLI

OR WINTER CAULIFLOWER

¼ oz. to 100 feet of drill. 2 to 3 oz. to the acre.

Ger.—Spargelkohl.

Scand.—Broccoli-kaal.

(One ounce will produce about 3,000 plants.)

Sow the first week in May in drills 3 to 4 inches apart, covering seeds lightly. When the leaves are about three inches broad, transplant to prepared beds 2 feet apart each way. Much resembles Cauliflower, cultivation the same.

BROCCOLI—(Snow White) 150 days—Pure white color; heads medium size, close and compact. Pkt. 10c, oz. 90c, ¼ lb. \$3.00.

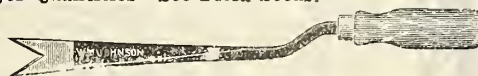
DWARF SHELL BEANS

Shell Beans are grown exclusively to use as dried beans during winter. The food value of dry beans is very high. Sow 16 to 24 lbs. to the acre.

Great Northern Navy—This variety is especially adapted to Montana soil and climate, and is being grown in increasing quantity each season. In our opinion it leads all other varieties of Navy Beans. Its flavor and tenderness as a baked bean are "par excellence." Pkt. 5c, ½ lb. 15c, lb. 25c, 2 lbs. 40c, postpaid.

Small White Navy—A sure cropper and very productive. Much desired for baking as the quality is the best. Pkt. 5c, ½ lb. 15c, lb. 25c, 2 lbs. 40c, postpaid.

For Larger Quantities—See Field Seeds.



ASPARAGUS KNIFE—(American)—This Asparagus knife is made of the best steel, cutting edges are hardened and tempered to stand rough usage. Used also as digger and weeder for long tap-rooted weeds such as Dandelions. Each 50c, postpaid 60c.

INOCULATE THIS
SEED WITH
FARMOGERM

BEANS

INOCULATE THIS
SEED WITH
FARMOGERM

(2 lbs. to 100 feet in drill, or 150 hills; 120 lbs. to the acre, in drills.)
(1 lb. is a little more than a pint. 2 lbs. is a little more than a quart.)

Beans require a light friable soil with plenty of moisture. In the garden, the soil should be made mellow and rich, and kept so. All pole varieties should be provided with poles as a trellis on which to climb. For garden crop, a succession of sowing can be made from the first week in May until the middle of June. Sow in rows 18 to 24 inches apart and cover from 1 to 2 inches deep, but not more. Keep the pods picked and the vines well watered and the beans will continue bearing much longer than if allowed to dry up. Hoe the rows occasionally. For farm crop, plant about 25 pounds per acre in rows 36 inches apart. Heavy clay or adobe soils are not suitable for beans.

DWARF OR BUSH, WAX OR YELLOW PODDED VARIETIES

(THE SIX BEST YELLOW PODDED BEANS FOR MONTANA)

Improved Golden Wax—Probably the best known of all Wax Beans; it is the ideal Wax Bean; very prolific. Thick fleshed and stringless. 60 days. Pkt. 5c, ½ lb. 25c, 1 lb. 40c, 2 lbs. 75c, postpaid.



Early Wonder Wax

Early Wonder Wax—Belongs to the flat podded class and grows a strong plant, 18 inches high and two feet across. It is well loaded with pods, five to seven inches long; flat, plump, handsome and meaty, of a clear, waxy yellow color. As to quality the pods are tender, brittle and of fine texture. We claim this is the earliest wax-podded bean. In edible condition sooner than any other wax-podded sort. Practically rust-proof; a bountiful yield, in bearing for a long season, it is an ideal bean for the home and market gardener. It seems determined to yield a crop in good weather or bad. It is a real money-maker for the market gardener. Ready to pick in 55 days. Pkt. 5c, ½ lb. 25c, 1 lb. 45c, 2 lbs. 80c, postpaid.



Sure Crop Stringless Wax

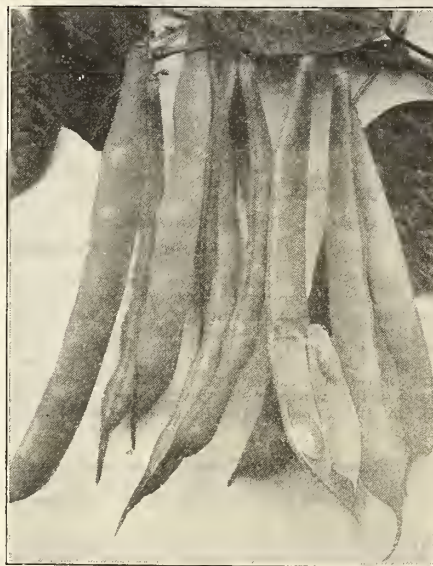
Sure Crop Stringless Wax—very much resembles Bountiful in the sturdy character and disease resistant constitution of its plants. It also starts bearing within 60 days after seeds are sown, but if anything its bearing season is longer. The pods average 6 to 7 inches long, are very meaty, flat but thick through, and we have never found a stringy specimen. In common with most black-seeded varieties, Sure Crop Stringless Wax is very hardy and may therefore be planted several days earlier than the light-seeded varieties. 65 days. Pkt. 5c, ½ lb. 25c, 1 lb. 45c, 2 lbs. 80c, postpaid.

On Beans in lots of 5 lbs. or more of one variety deduct 5c per lb. when ordering by express or freight, NOT PREPAID.



Black Wax—Pencil Pod

Black Wax—Pencil Pod—Is the most satisfactory of the early dwarf Wax Beans. Of dwarf, bushy growth, about fifteen inches high, large luxuriant foliage, beneath which in great clusters will be found an enormous crop of beautiful straight yellow pods six to seven inches long, well rounded, deeply "saddle backed," meaty and solid clear through; they are brittle, of rich mild flavor, and entirely stringless. An early sure cropper; of the finest quality. 65 days. Pkt. 5c, ½ lb. 20c, 1 lb. 35c, 2 lbs. 65c, postpaid.



Wardwell's Kidney Wax

Wardwell's Kidney Wax—In western prairie soil this sort is at its best, and gives most gratifying results. The pods are 7 inches long, flat, brittle, stringless, straight, finely shaped, a beautiful yellow, distinct and attractive; they make delicious eating. A good yielder; good in the home garden and profitable for the market. 60 days. Pkt. 5c, ½ lb. 25c, 1 lb. 40c, 2 lbs. 75c, postpaid.

Davis' White Wax—This is also called the Davis' White Kidney Wax. It is a well known market sort much used for shipping. The plants are very hardy and productive, and the variety is very desirable where a handsome wax-podded white seeded intermediate sort is wanted. The plants are very vigorous. The pods are remarkably long, about six inches, sometimes longer. They are handsome, light yellow, straight, very attractive, and when young are crisp and tender. The dry beans are excellent for baking. Seed medium large, clear white and kidney shaped. 55 days. Pkt. 5c, ½ lb. 20c, 1 lb. 35c, 2 lbs. 65c, postpaid.

INOCULATE THIS
SEED WITH
FARMOGERM

BEANS

INOCULATE THIS
SEED WITH
FARMOGERM

DWARF OR BUSH, GREEN PODDED VARIETIES

(THE FIVE BEST GREEN PODDED BEANS FOR MONTANA)



Bountiful

Bountiful — This excellent dwarf, green podded sort is similar in appearance to Early Yellow Six Weeks but is of much better quality. The vines are vigorous and productive. The pods are very long, six to seven inches, straight, broad, flat, light green, of handsome appearance and absolutely stringless. They are tender and brittle. The pods are longer, broader and have much longer tips than those of Long Yellow Six Weeks. Seed medium sized, kidney shaped, light yellow with brownish circle about eye. Bountiful is a most desirable early sort. 62 days. Pkt. 5c, ½ lb. 25c, 1 lb. 35c, 2 lbs. 60c, postpaid.



Feltham Prolific

FELTHAM PROLIFIC

"THE GREATEST
PRODUCER YET
INTRODUCED."
A MARVEL OF
PRODUCTIVENESS

This new Dwarf Green Bean is one of the heaviest croppers yet introduced. It produces a mass of medium sized, rich green fleshy pods which are very crisp, and stringless. As the seed is small they do not quickly show through the pods. This is a great advantage as many other good varieties age so quickly that they are useless if allowed to go a day or two too long. "Feltham Prolific" is dwarf with dark green foliage and remarkably quick in growth. A test of ¼ lb. of seed in Montana yielded 10 lbs. of dried beans. Try this sweet and delicious bean. They are really wonderful.

Pkt. 5c, ½ lb. 25c, 1 lb. 45c, 2 lbs. 80c, postpaid.



Long Yellow Six Weeks

Long Yellow Six Weeks—Are large, vigorous, erect and very productive. The pods are long, about six inches, straight, flat, handsome, rather light green and when young are of a good quality for snaps. Seed medium sized, long, kidney shaped, light yellow with small brownish circle about the eye. Is early maturing and much used for the home garden and market. 62 days. Pkt. 5c, ½ lb. 25c, 1 lb. 35c, 2 lbs. 60c, postpaid.



Extra Early Red Valentine

Stringless Green Pod

—Flat pods ready for use within 65 days after sowing seeds. Remains tender and crisp a long time after reaching full size. Pods are pale green, long and round, meaty and of excellent flavor. The plants have a spreading habit of growth and produce large quantities of pods which are very uniform both in size and shape. Pkt. 5c, 1 lb. 40c, 2 lbs. 70c, postpaid.

Extra Early Red Valentine—Is very hardy and early, germinates in cold ground where other sorts would not. Vines are about 15 inches high, yield well; pods are round and fleshy and eaten when young are of good quality. The demand for a hardy, early bean of good quality has established a reputation for this excellent sort. For market garden and home use it is an easy winner. 65 days. Pkt. 5c, ½ lb. 20c, 1 lb. 35c, 2 lbs. 60c, postpaid.

NOTICE—On Beans in lots of 5 lbs. or more of one variety deduct 5c per lb. when ordering by express or freight... **NOT PREPAID.**

INOCULATE THIS
SEED WITH
FARMOGERM

BEANS—Pole or Running

INOCULATE THIS
SEED WITH
FARMOGERM

Pole beans well deserve to be used much more largely than they are since they yield much more heavily than the dwarf varieties. They persist in blossoming and bearing an abundance of fresh, tender beans until the vines are killed by frost. They are rather more sensitive to the cold and wet than the dwarf varieties and should be planted later. About the middle of May plant four to six beans around poles eight to ten feet high, setting poles four feet apart each way. Thin to three plants to a pole if the soil is rich.

Kentucky Wonder or Old Homestead—Green Pod—Pronounced by experts the best flavored of all Beans in cultivation. Kentucky Wonder combines size and quality in an extraordinary degree. Pods are generally borne in clusters of 2 or 4, individual pods averaging 7 to 8 inches long. They are deeply saddle backed, very fleshy and perfectly stringless at all stages of development. Kentucky Wonder matures the bulk of its crop in 80 days. Seeds sown along with the earlier varieties of Bush Beans will yield a crop just about the same time that the Bush Beans are through bearing. Where poles are not available, string supports should be provided since the vines are exceedingly rank growers, bearing exceptionally heavy crops. Pkt. 5c, ½ lb. 25c, 1b. 40c, 2 lbs. 75c, postpaid.

Kentucky Wonder Wax—Yellow pod—The best pole wax bean for northern planting. It is similar in habit of growth to "Kentucky Green Pod" and bears as early, or when about as high as the average bush bean. Pods are beautiful golden-yellow, and so fleshy that often the thickness surpasses the width; make delicious eating. Pkt. 5c, ½ lb. 25c, 1b. 45c, 2 lbs. 85c, postpaid.

Scarlet Runner—An English bean of great merit; very tender and sweet; also grown as ornamental flowering vine for trellises. Pkt. 5c, ½ lb. 25c, 1b. 40c, 2 lbs. 70c, postpaid.

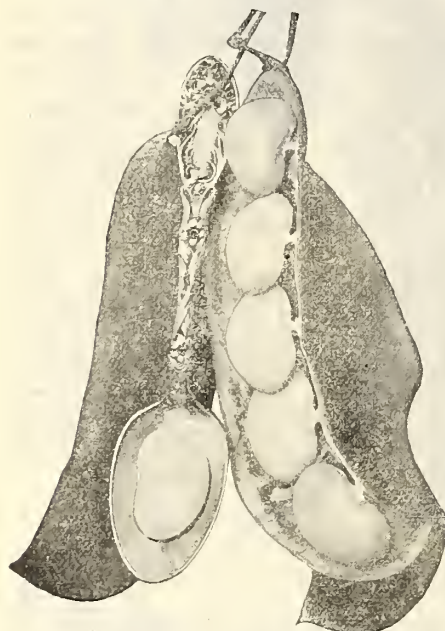


Kentucky Wonder or Old Homestead

BUSH LIMA BEANS

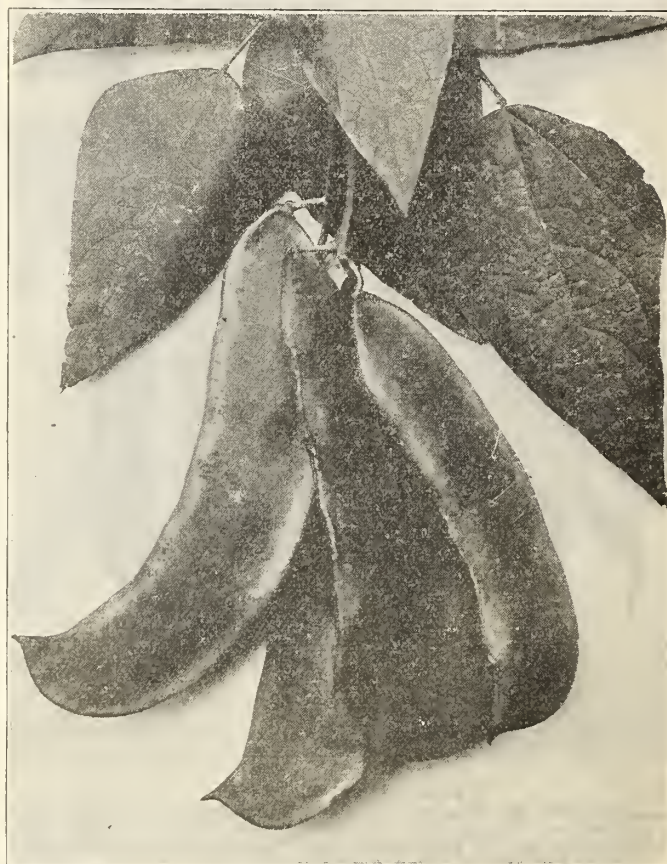
Lima Beans are very susceptible to cold and seeds should not be planted until the ground has become thoroughly warm. They should be sown on well enriched land, with the rows 2½ feet apart, dropping the beans six inches apart in the row, **eye down**. Unless the Beans are placed "eye down" the young plants find it most difficult to push through the soil. Frequently the neck of the seedling is broken in the attempt which of course stands for loss of the plant. In light soil, cover about one inch deep, less on heavier soils. A good fertilizer applied at the rate of 20 pounds to every hundred feet of row, when the plants begin to bloom, will materially increase the yields. Hill plants slightly early in the season to hold the pods off the ground. Two pounds will plant 100 feet of row.

Burpee's Bush Lima—Early, large and productive. Pods are uniform in size, with an average of five beans to a pod. Beans are large, thin skinned and of fine flavor. The pods are borne in clusters and are easily gathered. Pkt. 5c, ½ lb. 25c, 1b. 40c, 2 lbs. 75c, postpaid.



Henderson's Bush Lima

Henderson's Bush Lima—This variety belongs to the class of Small Lima's, also known as Carolina or Sieva Lima Beans. On account of their hardiness they are worth growing in the North, where they will mature early and produce an enormous crop. A week earlier than Burpee's Bush Lima and the flavor of the beans is delicious and sweet. The plants are of true bush growth and bear tremendously, each pod being filled with three or four of the small, flat light green beans. When mature, the beans are practically white and keep well for winter shell beans. Pkt. 5c, ½ lb. 20c, 1 lb. 40c, 2 lbs. 75c, postpaid.



Burpee's Bush Lima

English or Broad Windsor—This bean is very hardy, and should be planted as soon as the soil is in good state in the spring. plant four inches apart and 2 inches deep in drills three feet apart, to insure well filled pods, pinch off the tops as soon as pods begin to set. 65 days. Pkt. 5c, ½ lb. 25c, 1b. 40c, 2 lbs. 75c, postpaid.

TABLE BEETS

EAT WHEN YOUNG DIRECT FROM YOUR OWN GARDEN

Ger.—Rube.

Scand.—Rodebete.

HOW TO PLANT—The soil should be rich and deeply plowed, say 8 to 10 inches. Sow in rows from 14 to 20 inches apart and about 1 to 1½ inches deep. Sow 5 to 6 pounds of seed to the acre in drills and fifteen to twenty pounds of seed to the acre broadcast. As soon as the plants have the fifth and sixth leaf, thin to one plant each 3 inches. If under irrigation, water as soon as thinned. Cultivate often and do not water again until absolutely necessary, as the soil will dry from the surface down and the top roots will follow. Careful tests have proven that one cultivation a week will give the best results. Keep clean and remember that cultivation is the next thing necessary after the best seeds and the two are necessary for success. (One ounce to 100 feet of drill, 5 to 6 lbs. per acre, in drills. 15 to 20 lbs. to the acre broadcast).

Crimson Globe—Beets may come and Beets may go, but still the Crimson Globe retains its position as the best Beet for the market gardener, as well as for the private garden. It is very symmetrical, with small tap root, and but few fibrous roots, color outside is deep blood-red; inside layers of blood red, light grained and unsurpassed in quality. One sowing only is necessary to produce early beets for market and main crop for winter use. 45 days. Pkt. 5c, oz. 25c, ¼ lb. 45c, lb. \$1.45, postpaid.



Beet—Crimson Globe

Early Winder—(35 days)—This new variety is extremely early, deep red, tender and sweet. One of the earliest and most perfectly shaped Beets. Its beautiful, deep blood-red, nearly globular-shaped root, small-sized top, and small, clean tap root, make it desirable. Its attractive appearance, uniformity of size shape and color, and excellent keeping qualities have created a splendid demand for this sort. Grown very extensively for late fall sowing, as it matures two weeks earlier than any other desirable Beet. A field of Early Winder will mature so evenly that the entire crop may be harvested at one time. We urge that you give it a careful trial. Pkt. 5c, oz. 25c, ¼ lb. 50c, lb. \$1.50, postpaid.

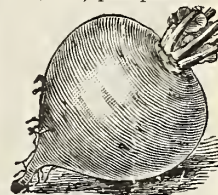


Early Winder

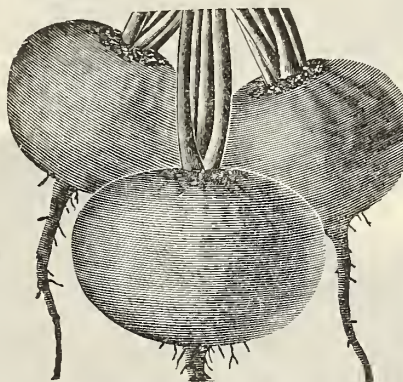


Beet—Detroit Dark Red Turnip

Detroit Dark Red Turnip—The roots are globular or ovoid. They are smooth and have but little tops. The skin is blood-red and the flesh dark red lined with a lighter shade. The flesh is tender and the flavor decidedly sweet. A popular favorite for canning because of its extra deep dark red color. 59 days. Pkt. 5c, oz. 20c, ¼ lb. 45c, lb. \$1.35, postpaid.

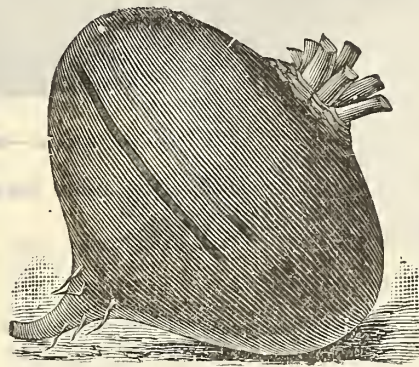


Early Eclipse—An early beet especially desirable for the home garden and used for bunching. The tops are small. The roots are bright deep red, smooth, round or slightly top shaped with a small top and small collar. The flesh is bright red, zoned with pinkish white very sweet, crisp and tender, especially when young. 45 days. Pkt. 5c, oz. 20c, ¼ lb. 45c, lb. \$1.25, postpaid.



Beet—Early Blood Turnip

Early Blood Turnip—An extra selected stock of blood turnip, having larger, coarser tops and root than Detroit Dark Red and requiring a longer time to mature. The roots are dark red and nearly round or slightly flattened. The flesh is deep red, zoned with lighter shade, sweet, crisp and tender. This is an excellent market and home garden sort for summer and autumn use. 50 days. Pkt. 5c, oz. 20c, ¼ lb. 45c, lb. \$1.25, postpaid.



Extra Early Egyptian

Extra Early Egyptian—This is the best variety for forcing. It is also excellent for first early crop outdoors, being very early with small tops. The leaves are dark green shaded and veined with dark red. The roots are very dark red, moderately thick, a little rounded on top, distinctly flat on the bottom and about two inches in diameter when mature. The flesh is dark purplish red, zoned lighter shade; firm, crisp and tender. 40 days. Pkt. 5c, oz. 20c, ¼ lb. 45c, lb. \$1.25, postpaid.

Half Long Blood—An excellent main crop beet. A great favorite as a table or field sort. Roots deep red in color and always symmetrical and smooth. In quality it is sweet, crisp and tender, and is an enormous cropper and a reliable winter keeper. It is a heavy beet without being hard to pull. It never becomes woody and is always good for table use or stock food, whether pulled young or old. 60 days. Pkt. 5c, oz. 20c, ¼ lb. 45c, lb. \$1.35, postpaid.

WE HANDLE PLANET JR. SEEDERS AND CULTIVATORS,
ALSO BABKEE WEEDER, MULCHER AND CULTIVATOR
SEE LAST PAGES.

SUGAR BEET

FOR SUGAR MAKING

5 to 6 pounds per acre in drills. 15 to 20 pounds per acre broadcast.

Sugar Beets are not as heavy yielders as the Mangels' but are of superior quality containing a large amount of sugar. They are excellent for feeding cows, improving wonderfully the quantity and quality of the milk. Sugar Beets require deep, well enriched soil. The seed should be sown in drills 2 to 2½ feet apart, and covered 1 to 1½ inches deep, any time during April, May or June. Thin the plants carefully to stand 8 inches apart in the row. They are easily stored in outdoor pits, covered with straw and soil. These and Mangels can be profitably grown on grain lands where summer fallowing is practiced. Any crop such as Beans, Corn, Beets, etc., which require cultivation, keeps the weeds down and leave the soil in better condition to produce the grain to follow.



Sugar Beet
Klein's Wanzlebener

Klein's Wanzlebener—Has rather long slender root, very rich in sugar; will yield under average conditions. 16 tons to the acre. All stock men know that sugar makes fat, and will realize its value as a stock food. 80 days. Pkt. 5c, ¼ lb. 25c, lb. 70c, 10 lbs. \$6.50, postpaid.

Vilmorin's Improved—This French variety is popular with sugar beet growers; contains a large percentage of sugar and requires less water than others. 80 days. Pkt. 5c, ¼ lb. 25c, lb. 70c, 10 lbs. \$6.50, postpaid.

HALF SUGAR AND HALF MANGEL

For Stock Feeding

The ground should be thoroughly prepared and made firm and mellow, same as for Mangels, Seeding and cultivation should be continued in much the same manner except that they should be thinned out 6 to 8 inches in the row. The Giant Feeding Sugar Beets or Half Sugar Mangels are especially valuable for feeding stock as they give a feed of much greater nutritive value than Mangels.

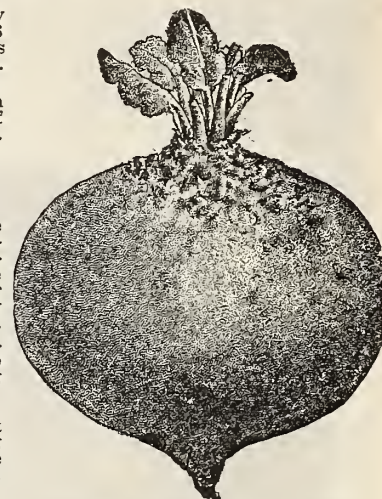
Giant Feeding or Half Sugar White Mangel—The most valuable of all for stock feeding, very heavy yielder, the favorite with stock feeders, very easily pulled, growing half out of the ground. White flesh, green top. Pkt. 5c, ¼ lb. 25c, lb. 70c, 10 lbs. \$6.50, postpaid.

Giant Feeding or Half Sugar Rose Mangel—A magnificent sort, growing at least half out of the ground, rendering the crop easy to gather. Skin of the upper part is rose colored, and the lower part white. Flesh white, rose top. Pkt. 5c, ¼ lb. 25c, lb. 70c, 10 lbs. \$6.50, postpaid.

MANGEL WURZEL

5 or 6 lbs. to the acre.

An ever increasing acreage is being planted for stock feeding purposes, because of the wonderful results obtained from feeding them. Root crops are a great necessity for all kinds of stock, also chickens. Root feeding not only gives high class tissue building substance to the body, but acts as a tonic, keeping the digestive organs in a healthy condition. Root crops should be regularly fed to all stock. Results will show not only in appearance, but also in their increased weight, and in dairy stock will enrich and increase the flow of milk. The ground should be thoroughly prepared, and made firm and mellow. Sow in April and May in drills 2 to 3 feet apart. When 4 to 5 inches high thin to 12 to 15 inches apart. Harvest before frost and cut the tops off; by so doing danger of heating is avoided. Store in pits or cellars. A trial will convince you of their value.



Mangel Wurzel—Yellow Globe



Mangel Wurzel—Mammoth Long Red

THE FOUR BEST MANGELS FOR MONTANA

Mammoth Long Red—This variety has produced the largest yield of any kind of mangel at the field trials held at Cornell University. The quality of the roots for feeding is high. The roots grow very large and keep well. They are quite long, light red in color and grow well out of the ground so are easily harvested. Pkt. 5c, ¼ lb. 20c, lb. 65c, 10 lbs. \$6.00, postpaid.

Danish Sludstrup—Is considered the best of all Mangels, having been awarded first class certificate. In color it is reddish-yellow and of a distinct type. It contains the largest per cent of nutriment found in any sort. It is very hardy, grows well above the ground and is easily pulled. Pkt. 5c, ¼ lb. 25c, lb. 70c, 10 lbs. \$6.50, postpaid.

Golden Tankard—A distinct variety, particularly valuable on account of its richness in saccharine matter, and highly prized by dairymen for its milk-producing qualities. All stock will thrive on it. The flesh, which is of a distinct deep yellow, is very sweet and tender. The large roots are oval in shape, and therefore will pull easier. 90 days. Pkt. 5c, ¼ lb. 20c, lb. 65c, 10 lbs. \$6.00, postpaid.

Yellow Globe—An especially good variety to grow if one has a limited supply of water; a great favorite for dairymen, making a wonderful increase in milk; easy to pull and harvest; tops are small. 85 days. Pkt. 5c, ¼ lb. 25c, lb. 70c, 10 lbs. \$6.50, postpaid.

Write for Price on 25 lbs. Lots and Larger Quantities.



SWISS CHARD

Ger.—Briskohl. 2 oz. to 100 feet of drill. Scand.—Bladbed.
Used for Leaves and Leaf-Stalks Only as "Greens"

SWISS CHARD—LUCULLUS—(Or Sea Kale Beet)—is a delicious vegetable that can be very easily grown. Europeans value it very highly, and it is rapidly growing in favor among Americans. Swiss Chard is used extensively either as greens or in the same manner as Asparagus, when only the rib is eaten. It may also be cooked and eaten like Spinach. Seed may be sown in April or May, in drills eighteen inches apart and an inch and a half deep. Thin the plants to ten or twelve inches apart and cultivate the same as for the common Red Beet. The outer leaves should either be cut off close to the base of the plant or pulled off when young, and may be picked continuously from June until frost, for when the leaves are cut others take their places very rapidly. 30 days. Pkt. 5c, oz. 30c, $\frac{1}{4}$ lb. 45c, lb. \$1.50, postpaid.

BRUSSELS SPROUTS

Ger.—Rosenkohl.

Scand.—Rosenkaal.

BRUSSELS SPROUTS—Species of cabbage, cultivation the same. One ounce will grow a bed 40 square feet and produce about 3000 plants. This is a delicious vegetable, superior to either Broccoli or Spinach. The cabbage-like heads which grow upon the stem are much improved by a moderate frost. Sow in hot beds in March or April, and in the open ground in May; cultivate same as Broccoli.

Improved Half Dwarf—An improved variety growing about 20 inches high; produces sprouts in abundance, cut out head of plant when sprouts have formed. 125 days. Pkt. 5c, oz. 40c, $\frac{1}{4}$ lb. \$1.35, postpaid.

CHICORY

Witloof, or "French Endive"—Seed sown in May or June produces roots which, when taken up and placed in sand in a warm dark place, throw out tender white sprouts which are used as salad. These sprouts are often called "French Endive." Pkt. 10c, oz. 40c, $\frac{1}{4}$ lb. \$1.35, lb. \$4.00.



Ger.—Kopfko.

CABBAGE

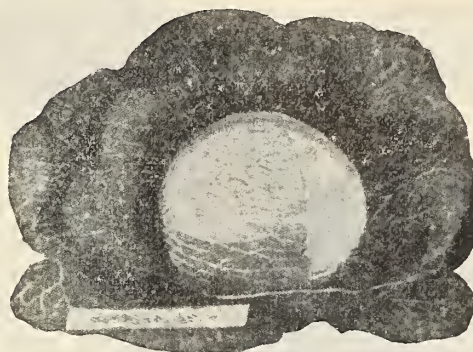
Scand.—Hovedkaal.

One ounce will produce 3,000 plants; one-quarter pound will produce plants for one acre. $\frac{1}{4}$ oz. to 100 feet of drill.

The soil should be deep and rich. For early crop grow plants in hot beds, transplanting to cold frames and then as early as possible after danger of freezing to the open ground. Cultivate often and keep well watered if under irrigation. For late crops sow seed in open ground and transplant, or some succeed well by sowing seeds in hills where wanted and thinning to one. This avoids the necessity of waiting for a damp time to transplant.

EXTRA EARLY VARIETIES

Early Jersey Wakefield—This has been for many years the leading early Cabbage in America. The main difficulty has been to get a perfectly satisfactory and reliable strain of seed. Buyers will find Early Jersey Wakefield the genuine article. It has few outer leaves, and in compactness and regularity cannot be surpassed. The thick stout leaves and compact habit make it the best sort for very early setting. It frequently matures inside of 100 days from sowing. 80 days. Pkt. 5c, $\frac{1}{2}$ oz. 20c, oz. 35c, $\frac{1}{4}$ lb. \$1.00, lb. \$3.25, postpaid.



Earliest of All

Earliest of All—Is the earliest hard heading cabbage in cultivation. Earliest of all, combines earliness with solidity, good size, delicious flavor, tenderness and productiveness. We claim that it is the earliest cabbage in cultivation. It has produced fine marketable heads in 70 days from the sowing of the seed, very compact with few outer leaves, permitting close planting. It is a great money maker for the market gardeners and valuable for the home garden. Pkt. 10c, $\frac{1}{2}$ oz. 30c, oz. 50c, $\frac{1}{4}$ lb. \$1.75, lb. \$6.00.



Cabbage—Early Winnigstadt

Early Winnigstadt—This is another old and famous type of early Cabbage but as in the case of Wakefield, the main difficulty is to get a strain of seed representing the highest grade of excellence. Such a strain will be found in our Winnigstadt. It is almost as early as Wakefield. It is a sure header, even where other sorts may fail and seems to be less liable to the attacks of Cabbage worm than many other varieties. 90 days. Pkt. 5c, $\frac{1}{2}$ oz. 20c, oz. 30c, $\frac{1}{4}$ lb. 90c, lb. \$3.00, postpaid.

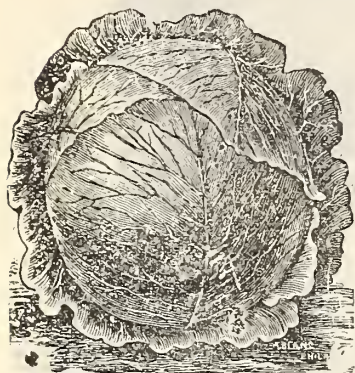


Copenhagen Market

Copenhagen Market—A new early variety, which is very popular with market gardeners. It is the finest large, round-headed early Cabbage in cultivation. It is further desirable on account of the remarkable characteristic of maturing the heads all at the same time, enabling the grower to gather his crop with less expense and permitting the cleaning of the land at the first cutting. The heads average about ten pounds each in weight, are hard and solid and with small core. The quality is extra fine and sweet. It matures as early as the Wakefield and will yield more to the acre in weight. It is a short-stemmed variety, the heads nearly resting on the ground. The leaves are light green, rather small, saucer shaped and tightly folded, making it possible to set them close together in the field. 85 days. Pkt. 10c, $\frac{1}{2}$ oz. 25c, oz. 40c, $\frac{1}{4}$ lb. \$1.35, lb. \$4.00, postpaid.

Glory of Enkhuizen—The earliest and largest white Cabbage—attractive for market purposes. Solid with large ball shaped heads thin-ribbed and hard, few outside leaves; exceedingly tender. Is a dwarf and compact grower; allowing close planting; will yield more tons per acre than any other variety, 90 days. Pkt. 10c, ½ oz. 20c, oz. 35c, ¼ lb. \$1.20, lb. \$3.50, postpaid.

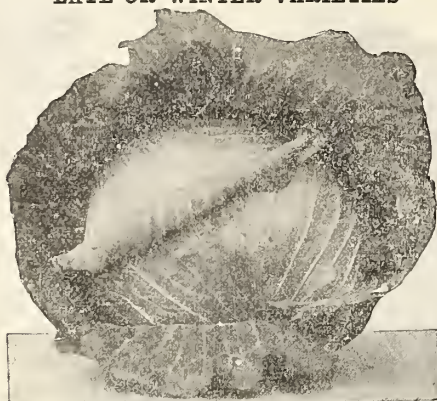
CABBAGE—SECOND EARLY VARIETY



Cabbage—Early Summer

Early Summer—A reliable second early Cabbage, which matures about ten days after the Jersey Wakefield. It makes a large, solid, flattish head, with short outer leaves, which admit of close planting in the field, and is a good keeper. This variety, maturing so soon after the pointed head sorts, is exceedingly valuable for growing as a second crop, and as it is suited to all sections it is very largely grown. 110 days. Pkt. 5c, ½ oz. 20c, oz. 35c, ¼ lb. \$1.20, lb. \$3.50, postpaid.

LATE OR WINTER VARIETIES



Cabbage—Large Late Flat Dutch

Large Late Flat Dutch—A low growing variety, heads large, bluish green, round solid broad and flat on top; an excellent fall and winter variety, and a good keeper. It is a sure header. 120 days. Pkt. 5c, ½ oz. 20c, oz. 35c, ¼ lb. \$1.20, lb. \$3.50, postpaid.



Hollander or Danish Ballhead

Hollander or Danish Ball Head—Very hardy, handsome, very solid, of fine quality. Plant vigorous, compact growing, with longer stem than most American sorts and exceedingly hardy in resisting cold and dry weather; leaves large, thick, bluish green covered with whitish bloom. Heads medium sized, round very solid, and stands shipment better than any other late sort. 120 days. Pkt. 5c, ½ oz. 20c, oz. 35c, ¼ lb. \$1.20, lb. \$3.50, postpaid.

Hammond's Slug Shot

KILLS CABBAGE AND CAULIFLOWER WORMS

SEE INSECTICIDES

CABBAGE—(Danish Roundhead)—(Short Stem)—This is an improved form of the Danish Ball Head, and will average more in weight per head than the old parent type. Shorter stemmed, very vigorous and has developed a wonderful capacity for withstanding hot sun. Inside leaves blanch pure white, very solid, and exceedingly crisp and tender. 115 days. Pkt. 10c, ½ oz. 25c, oz. 40c, ¼ lb. \$1.35, lb. \$4.00, postpaid.

Surehead—One of the most reliable main crop or late cabbage for northern latitudes, being very hardy and exceptionally sure heading. The heads are large and broad, thick, somewhat flattened, compact, very solid and of excellent quality. 120 days. Pkt. 5c, ½ oz. 35c, ¼ lb. \$1.00, lb. \$3.25, postpaid.

Red Rock—This is the largest variety of Red Cabbage, and produces heads which are remarkably solid, more so than any other kind. The heads, which are round, with spreading outer leaves mature at a late season, and on account of their solidity will keep well for a long time. It is the best and most attractive Red Cabbage grown. Fine for pickling. 120 days. Pkt. 5c, ½ oz. 35c, ¼ lb. \$1.25, lb. \$4.00, postpaid.



Cabbage—Drumhead Savoy

Drumhead Savoy—The plants are vigorous, of medium size, with rather short stem and are very sure heading. The outer leaves are medium large, thick, fleshy and densely and uniformly crumpled; the heads are large, nearly round, fairly solid, sweet and tender. 110 days. Pkt. 5c, ½ oz. 20c, oz. 35c, ¼ lb. \$1.10, lb. \$4.00, postpaid.



Pe Tsai—Chinese Cabbage—Blanched Head

Chinese Pe Tsai or Celery Cabbage—This Chinese introduction is really of great merit, growing somewhat like the Cos Lettuce. Boiled and seasoned with butter, it makes a most delectable dish, and is also a splendid base for salads. Sow rather later than ordinary Cabbage—as too early sowings have a tendency to run to seed too quickly. 75 days. Pkt. 10c, ½ oz. 25c, oz. 40c, ¼ lb. \$1.10, lb. \$4.00, postpaid.



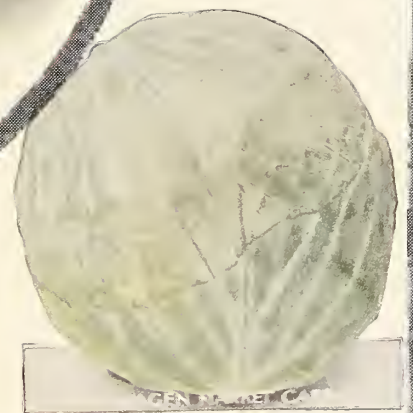
BEAN
Black Wax
Pencil Pod



SWEET CORN
Golden Bantam



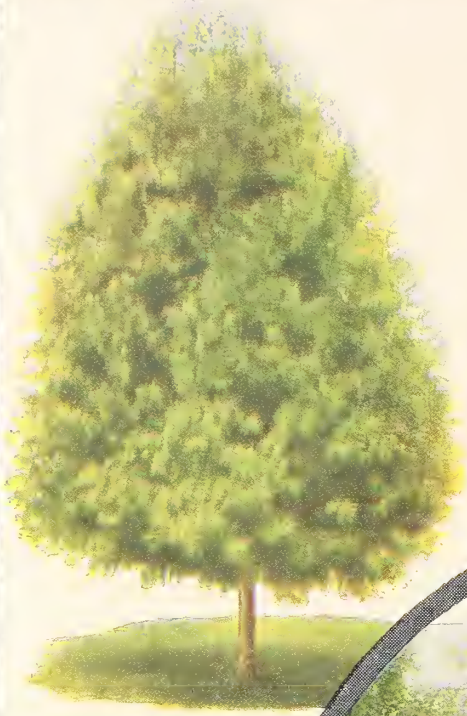
TOMATO
Early Avon



CAULIFLOWER
Early Snowball



GRAND RAPIDS FORCING LETTUCE



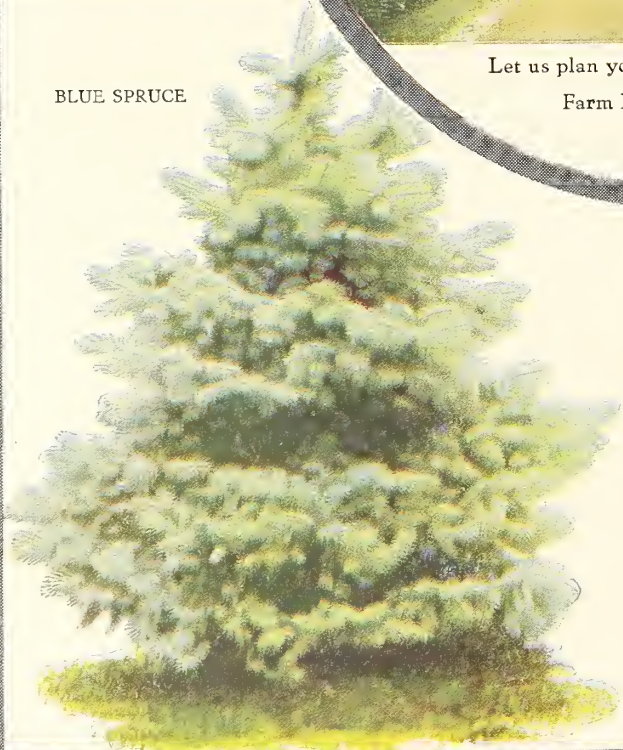
MOUNTAIN ASH



SNOWBALL



Let us plan your driveway or road to your
Farm House after this style



BLUE SPRUCE

PHILADELPHUS
or
MOCK ORANGE



CARROT

Ger.—Moehre.

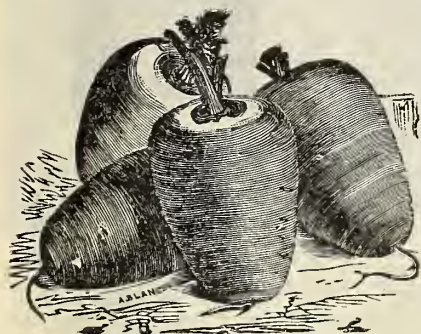
Scand.—Gulrod.

(One ounce to 100 feet of drill; 3 to 4 pounds to the acre.)

Good sandy loam is best adapted for Carrots of all varieties. The shorter varieties, however, can be sown in heavier soil with good results.

Early French Forcing or Golden Ball—This Carrot is one of quick growth, for it matures as quickly as a radish. It has a very fine neck and a rather hollow crown. We highly recommend it to all our customers who desire a small, early, delicious Carrot that will mature early, but must be sown in rich soil. 50 days. Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 45c, lb. \$1.35, postpaid.

Early Scarlet Horn—May be planted very early in spring, and is an excellent summer variety. Tops small and roots grow about 2 inches long; reddish orange and good flavor. May be grown either in frames or in the open ground. This Carrot is at its very best while young and should be used before it has attained its full growth. 55 days. Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 45c, lb. \$1.35, postpaid.



Carrot—Oxheart or Guerande

Oxheart or Guerande—Medium early, bright orange color, fine grained and sweet, one of the best table varieties. Can be pulled by hand; well suited to heavy soils, but will thrive equally well in other situations. 70 days. Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 50c, lb. \$1.50, postpaid.

Early Chantenay or Model—A most excellent, medium early, half long variety. It is one of the best and also a desirable field sort. The tops are medi-

um sized with small neck. The roots are thick, six inches in length, uniformly half long or stump rooted but tapering slightly, smooth, deep orange-red in color. The flesh is very crisp and tender. Variety is extensively used for bunching. 65 days. Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 45c, lb. \$1.25, postpaid.

Danvers Half Long—A standard variety and one of the heaviest croppers. Color dark orange, very thick shoulder, of a most excellent quality. Length 8 to 10 inches. 75 days. Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 50c, lb. \$1.50, postpaid.

Improved Long Orange—This is a variety of the largest size. The roots are uniform in size and form, smooth, and free from small rootlets, penetrating the soil very deeply. Of gradually tapering shape, holding their thickness well throughout the length; rich, deep orange coloring. It is a good keeper of fine quality for winter use. 80 days. Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 45c, lb. \$1.35, postpaid.

CARROTS FOR STOCK

THE TWO BEST VARIETIES

Victoria—There can be only one best stock Carrot, and we think our Mastodon is that Carrot, yet there are many who prefer a yellow Carrot. We can say that there is no yellow Carrot which can approach the Victoria in size, in yield and in feeding qualities. It is the largest and best form of orange or yellow Carrot known. The roots are remarkably fine, very symmetrical and of excellent quality, possessing high feeding properties. It is a heavy cropper on all soils, but is especially adapted for rich, strong land. It grows nearly half as much weight again an acre as the ordinary varieties, and as the roots grow more above the ground it is much easier to gather the crop. This grand variety is sure to suit every one who grows it. 90 days. Oz. 15c, $\frac{1}{4}$ lb. 35c, lb. \$1.00, 10 lbs. \$9.00, postpaid.

Mastodon—It is the heaviest cropping Carrot grown, yielding more tons to the acre than any other sort. The flesh is white, crisp and very sweet in flavor. It is a vast improvement on the white and green Belgian sorts which have been favorites in the past, it is much more productive. The roots are short and very heavy at the shoulder, rendering them easily harvested. An important feature, is that they do not easily break in pulling. Too much can scarcely be said of their size and great productiveness. The roots frequently measure 15 to 20 inches in circumference, and 18 to 40 tons to the acre is not an extravagant statement as to yield. 90 days. Oz. 15c, $\frac{1}{4}$ lb. 35c, lb. \$1.00, 10 lbs. \$9.00, postpaid.

Hammond's Slug Shot

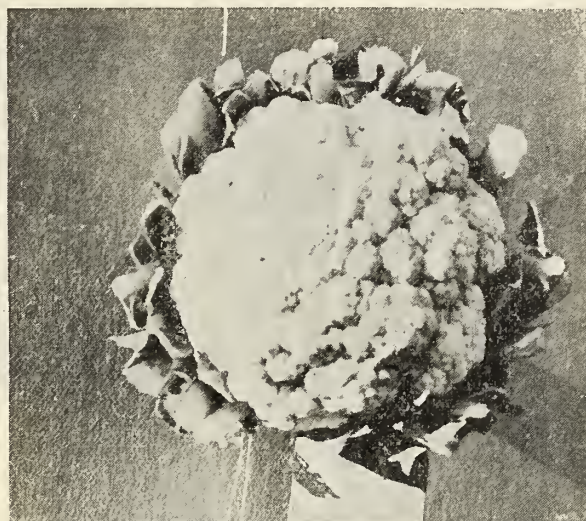
KILLS CABBAGE AND CAULIFLOWER WORMS
SEE INSECTICIDES

CAULIFLOWER

(One ounce for 3,000 plants)

 $\frac{1}{4}$ oz. to 100 feet of drill. Two oz. to the acre.

Culture—Cauliflower is a gross feeder, and well repays heavy manuring and high culture. It succeeds best on well drained soil. For spring crop, plant the seed in protected beds early in February and the plant will be ready to transplant probably early in April. The young plants should be thinned, since they become very spindly if allowed to grow too thick in seed bed. Plant in rows two feet apart—eighteen inches in the row.



Early Snowball

Early Snowball—Is the best all-round Cauliflower on the market for early or late use, for the family or the market garden. It heads where others fail. Its close and compact habit of growth permits one-third more to be planted on the same space of ground than can be done with other varieties. 90 days. Pkt. 25c, $\frac{1}{4}$ oz. 85c, oz. \$3.00, $\frac{1}{4}$ lb. \$8.50, postpaid.

Early Dwarf Erfurt—An extra early variety, scarcely a plant fails to produce a head. 100 days. Pkt. 15c, $\frac{1}{4}$ oz. 75c, oz. \$2.50, $\frac{1}{4}$ lb. \$8.00, postpaid.

Dry Weather or Danish Giant—Is more resistant to unfavorable season than other sorts, particularly in dry weather. 100 days. Pkt. 15c, $\frac{1}{4}$ oz. \$1.00, oz. \$3.50, $\frac{1}{4}$ lb. \$10.00, postpaid.

Extra Early Snowball or Danish Perfection—This new strain, introduced by one of the leading Cauliflower seed growers of Denmark, possesses all the good qualities of the best Early Snowball strains and in addition has shown an unusual uniformity in maturing the crops being taken off clean at practically the first cutting. The leaves, very closely enfolding the head, give it a particularly attractive appearance when displayed for sale, and as the inner leaves almost cover the snowwhite flower the necessary early tying up as in the case of other early sorts is largely avoided. It is the earliest strain of its type and recommended for extra early marketing. 80 days. Pkt. 15c, $\frac{1}{4}$ oz. \$1.00, oz. \$3.50, $\frac{1}{4}$ lb. \$10.00, postpaid.

CELERIAC



Ger.—Knoller Sellerie.

Scand.—Knopselleri.

Giant Smooth Prague—Trunip rooted celery. Excellent for soups. Will keep all winter; roots large, smooth, good flavor. 125 days. Pkt. 5c, oz. 25c, $\frac{1}{4}$ lb. 85c, lb. \$3.25, postpaid.

StimUplanT
Makes a
Wonder Garden

Celeriac—Giant Prague

CELERY

Ger.—Sellerie.

Scand.—Selleri.

(One ounce will produce 7,000 plants.)

(¼ oz. to 100 feet of row. Two oz. to Acre.)

Sow seeds in a hot bed or cold frame. As soon as the plants are about 3 inches high, transplant to a nicely prepared bed in the border, setting them 4 to 5 inches apart. When some 8 inches high, and the plants stocky, set them in trenches. Earth up a little during the summer keeping the leaf stocks close together so that the soil cannot get between them. Finish earthing up in autumn, and never hoe or earth up in moist weather.

Keep the seed bed moist to insure quick germination and vigorous growth.



PARIS GOLDEN
SELF BLANCHING
CELERY

Paris Golden Self Blanching—A remarkable early sort, entirely self-blanching, with beautiful large golden yellow heart, crisp solid and nutty flavor. 110 days. Pkt. 25c, ½ oz. 65c, oz. \$1.25, ¼ lb. \$4.00, lb. \$15.00, postpaid.

Easy Blanching—The most valuable celery introduced in many years, with a remarkable natural tendency to blanch readily. Those who have never been successful in growing good celery can depend on this variety. Valuable both for early use and for its winter keeping qualities. Of very quick growth, thick stalks, very tender and brittle, and rich flavor. Its unusually long season for use appeal to the home gardener as well as the commercial grower. 115 days. Pkt. 10c, ½ oz. 30c, oz. 50c, ¼ lb. \$1.25, lb. \$4.50, postpaid.



Easy Blanching

Winter Queen—Unsurpassed for Winter Use—Probably the most desirable winter keeping celery. It is short, stout, thick and heavy, with double the amount of heart of any other celery, a habit of growth which gives it truly remarkable value. The flavor is sweet, nutty and delicious, leaving nothing to be desired. It bunches up handsomely. The leaves are light green, and blanch to a cream white. Matures its crop in 140 days. Pkt. 5c, ½ oz. 20c, oz. 35c, ¼ lb. \$1.00, lb. \$3.50, postpaid.

Celery Seed—For Flavoring—Excellent to use for flavoring soups, pickles, etc. ¼ lb. 20c, lb. 60c, postpaid.

Giant Pascal or Winter King—Has the sweet, nutty flavor of Golden Self Blanching, of which it is an offspring. The stalks are about two feet high; thick, solid and stringless, and as brittle as glass. It blanches easily and is an elegant winter keeper for home or market. 110 days. Pkt. 5c, ½ oz. 20c, oz. 35c, ¼ lb. \$1.00, lb. \$3.50, postpaid.



Celery—White Plume

The Largest Ribbed Celery in Cultivation



Giant Pascal or
Winter King

White Plume—This magnificent celery is improving from year to year under high culture and careful selection. It is a truly beautiful type. Not only does the stem whiten, but the leaf itself, especially every inner leaf assumes the attractive white color. This makes the White Plume Celery one of the most showy ornaments that can be put upon the Thanksgiving or Christmas dinner table. As to succulence, crispness and quality, the Perfected White Plume is all that can be desired of a white celery. Fit to eat in 110 days. Pkt. 5c, ½ oz. 20c, oz. 35c, ¼ lb. \$1.00, lb. \$3.50, postpaid.

To Succeed with Celery you must keep your plants growing constantly while young, if you allow them to "stand still" they will run up to seed later. Always cultivate as soon after watering as the ground is dry enough to work well. Fertilize heavily in the Spring—and use nitrate of soda later if needed.

CHERVIL

(One ounce to 100 feet of row.)

CHERVIL—(Curled)—An aromatic herb. The young leaves are used in soups and salads. Pkt. 5c, oz. 40c, ¼ lb. \$1.25, postpaid.

CHIVES—(Snittlauch)

(See Also Vegetable Plants.)

Chives—A vegetable of the Onion tribe, quite hardy everywhere. The leaves are slender and appear very early in the spring, and may be shorn several times during the season. They are propagated by divisions of the root or sowing of seed. The chives are equal to the Onion for flavoring soups and salads. Pkt. 10c, ½ oz. 40c, oz. 75c, ¼ lb. \$2.00, postpaid.

CORN SALAD

Ger.—Feldsalat.

Scand.—Vaarsalat.

Two oz. to 100 feet of drill.



Corn Salad

CORN SALAD—(Or Feticus)—A salad plant used as a substitute for Lettuce in salads or may be cooked like spinach for greens. It does well in the fall and spring. On rich soil the leaves renew rapidly after being cut. 55 days. Pkt. 5c, oz. 30c, ¼ lb. \$1.00, lb. \$3.00.

CRESS

Ger.—Karten-Kresse.

Scand.—Karse.

CRESS, OR PEPPER GRASS—This salad is much used with Lettuce to the flavor of which its warm pungent taste makes an agreeable addition. 30 days. Pkt. 5c, ½ oz. 10c, oz. 15c, ¼ lb. 40c, postpaid.

CRESS—(Water)—Hardy perennial aquatic plant; sow seed along water's edge, preferably near running springs. 45 days. Pkt. 10c, ½ oz. 35c, oz. 60c, ¼ lb. \$2.00, postpaid.

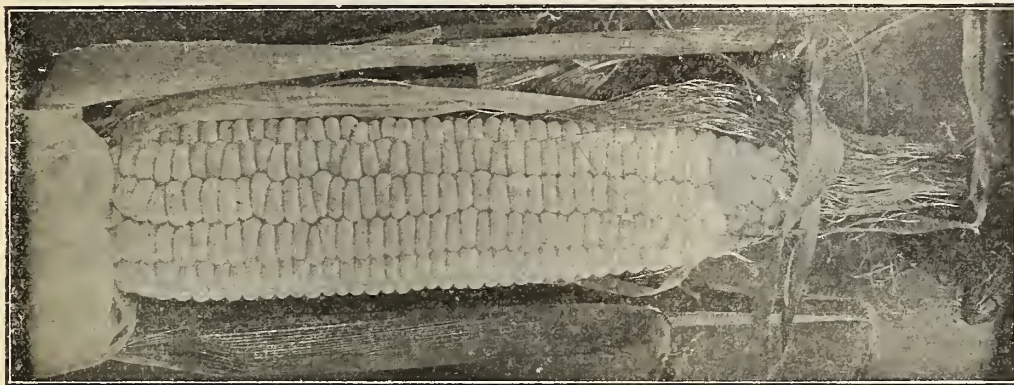
StimUplant
Makes a
Wonder Garden

CORN---Sweet or Sugar

StimUplant
Makes a
Wonder Garden

1 lb. for 100 hills or 150 to 200 feet of drill. 15 lbs. to acre. 1 lb. is a little more than a pint—2 lbs. a little more than a quart.

Sweet Corn is very sensitive to frost and should not be planted until danger from freezing is past or about the middle of May in Montana. A rich, warm good ordinary soil will raise excellent Sweet Corn, if it is deeply and thoroughly worked before planting. If planted in rows, make the rows three feet apart and 12 to 16 inches apart in the row; cover one inch deep with fine soil firmly pressed down. If planted in hills, make the hills three feet apart each way, and plant four to six kernels to the hill. Hoe frequently and when six inches high cut off all the suckers so as to leave three or four plants to the hill; do not let the plants overcrowd. Give frequent and thorough but shallow cultivation until the tassels appear. In cooking corn use boiling water, do not cover the vessel and do not cook more than ten minutes. "Use no salt"—A pinch of sugar will add to the natural sweetness.



Peep O'Day

EARLY VARIETIES

Peep O'Day—Five days earlier than the Golden Bantam. Peep O'Day Corn, in addition to its sensational earliness, is entirely distinct in appearance and habit of growth. The stalk grows from 3 to 4 feet in height. The ears average about 5 inches in length and are of perfect form, well filled out to the tip. When cooked, the corn is exceedingly sweet and tender. 65 days. Pkt. 5c, 1/4 lb. 20c, 1 lb. 35c, 2 lbs. 65c, postpaid.

Golden Bantam—The well known variety of sweet corn which many people consider the richest and sweetest of all Corn. Some of our customers are now planting this corn at regular intervals during the season, so that they may have it for table use continually and prefer it to all other sorts. Ears medium size, thickly set with delicious yellow kernels. Golden Bantam has a flavor distinct from any other sort. A very early variety. 70 days. Pkt. 5c, 1/4 lb. 25c, 1 lb. 40c, 2 lbs. 75c, postpaid.

SECOND EARLY VARIETIES

Early Minnesota—This deservedly popular variety is one of the best second early sorts for the market and the home garden. The stalks are about six feet high bearing one or two ears well covered with husks. The ears are about eight inches long, eight rowed; kernels very broad, white, sweet and tender, not shrinking much in drying. By careful selection we have developed a stock of this standard variety which is remarkably uniform and in which all the good qualities that have made this sort so desirable are intensified. 70 days. Pkt. 5c, 1/4 lb. 20c, 1 lb. 35c, 2 lbs. 60c, postpaid.

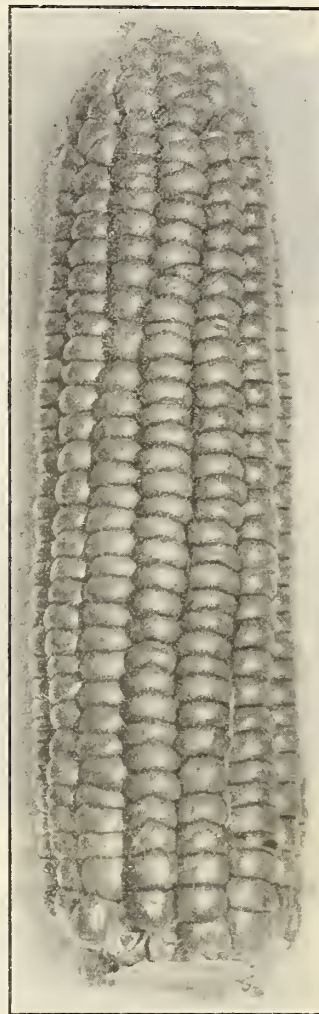
Black Mexican—The sweetest of all sweet corn. When cooked becomes white, with bluish tinge near kernel base. Often remembered only as the "black corn" that was so very sweet. 75 days. Pkt. 5c, 1/4 lb. 20c, 1 lb. 35c, 2 lbs. 60c, postpaid.

Early Minnesota

EARLY VARIETY

Golden West—The Most Prolific Earliest and Hardest Sweet Corn in the World.

Golden West—A Montana grown Sweet Corn of high merit, growth about 5 feet, producing 3 to 5 ears to the stalk, larger ears than any Sweet Corn we know of. (about twice the size of the average Golden Bantam). The illustration is a good average specimen of a 12 row 9 inch ear. Sweet, creamy and tender, remaining in roasting ear stage a long time. With these qualifications and the knowledge that this wonderful corn can be grown to maturity wherever Golden Bantam has, we predict that it will be your first choice when making selection of seed this season. In addition to its merits as a table Sweet Corn this variety is destined to be the popular silo and forage corn when sufficient seed is available. Its production of 200 or more bushels per acre with its heavy growth of foliage makes it an ideal, economical, palatable feed. Price, pkt. 10c, 1/4 lb. 25c, 1/2 lb. 45c, 1 lb. 80c, 2 lbs. \$1.50, postpaid.



Golden West

SECOND EARLY VARIETIES

Mammoth White Cory—We consider this one of the best second early varieties for the market and home garden. The ears are very large for so early a variety. The stalks are about four feet high, each generally bearing two large, finely shaped ears which become fit for use as early as those of any variety. They are twelve rowed, six to seven inches long, very symmetrical and handsome, seldom with any opening between the rows at the base. The grain is large, broad, very white and of remarkable good quality for such an early sort. 90 days. Pkt. 5c, 1/4 lb. 20c, 1 lb. 35c, 2 lbs. 60c, postpaid.

POP CORN—White Rice—We have a very choice lot, carefully selected and tested for seed purposes—Montana grown. Pkt. 5c, 1/4 lb. 20c, 1 lb. 30c, 2 lbs. 50c, postpaid.

Japanese Hulless—Also known as Tom Thumb, Australian Hulless. Japanese Hulless is a dwarf-growing, white Rice Pop Corn, a heavy yielder, and is ready for popping soon after it is husked. It has no hull or shell or hard center, is most tender, and of a delicious flavor when popped. You will not be without it if you give it a trial this year. 140 days. Pkt. 5c, 1/4 lb. 20c, 1 lb. 35c, 2 lbs. 60c, postpaid.

NOTICE—On Sweet Corn in lots of 5 lbs. or more of one variety deduct 5c per lb. when ordering by express or freight, NOT PREPAID.

CUCUMBER

Ger.—Gurken.

Scand.—Haurk.

(One ounce will plant fifty hills; two lbs. to an acre.)

Early White Spine—Earliest of the White Spine varieties. Excellent for table use. 60 days. Pkt. 5c, oz. 25c, $\frac{1}{4}$ lb. 65c, lb. \$2.00, postpaid.

Early Frame or Short Green—A very productive variety having fruits of good length and handsome form. Desirable for producing pickles of medium size. Fine quality when sliced for table. 55 days. Pkt. 5c, oz. 25c, $\frac{1}{4}$ lb. 65c, lb. \$2.00, postpaid.

Early Russian—Bright green crisp and tender flesh; excellent for table use or pickling. 55 days. Pkt. 5c, oz. 25c, $\frac{1}{4}$ lb. 75c, lb. \$2.50, postpaid.



Cucumber—Earliest of All

Earliest of All—An extra early prolific Cucumber; the fruit full and uniform, tapering slightly at both ends. Color, a good, deep green. It is a week to ten days earlier than Extra Early White Spine, and because of its extreme earliness is a very desirable variety both for the home garden and those who grow for the market. 50 days. Pkt. 10c, oz. 20c, $\frac{1}{4}$ lb. 65c, lb. \$2.00, postpaid.

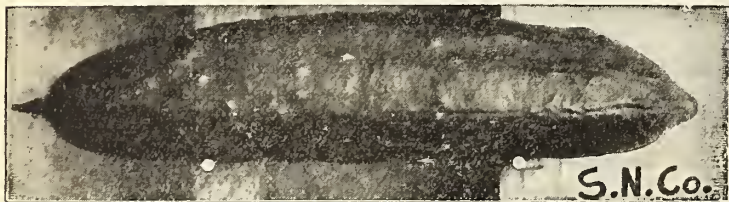


Early Fortune

Early Fortune—This distinct variety is the finest yet introduced. The rich dark green fruits when matured at the slicing stage average $7\frac{1}{2}$ to 8 inches in length and retain their color for a remarkably long time. The flesh is firm, with a small seed cavity, making it a good shipping and market sort. As a pickling sort it is equally as good, producing an enormous quantity of uniform well shaped pickles. The vine growth is very vigorous and the leaves, which are larger than those of other sorts, are very resistant to disease. 52 days. Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 65c, lb. \$2.00, postpaid.

Everbearing—Small size, very early and enormously productive and valuable as a green pickler. It continues to flower and produce fruit until killed by frost whether the Cucumbers are picked off or not. Remarkably solid with very few seeds and of fine quality. Invariably of perfect form even when small. 65 days. Pkt. 5c, oz. 25c, $\frac{1}{4}$ lb. 75c, lb. \$2.50, postpaid.

Davis Perfect—Long and slender, average length 10 to 12 inches. Color very dark green, of fine flavor, very tender and brittle. A choice variety for forcing under glass or for outside culture. 60 days. Pkt. 5c, oz. 25c, $\frac{1}{4}$ lb. 65c, lb. \$2.00, postpaid.

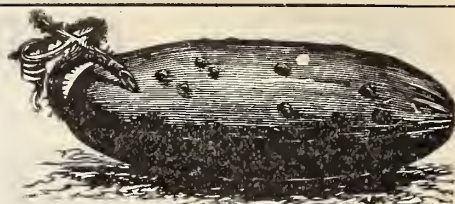


Cucumber—Long Green

Improved Long Green—Not quite so early as the above named sorts but admitted to be the best general crop Cucumber for this climate; good color, crisp and tender. 70 days. Pkt. 5c, oz. 25c, $\frac{1}{4}$ lb. 65c, lb. \$2.00, postpaid.

Lemon Cucumber—

New and entirely different type of cucumber. Shaped and colored like a lemon with fine flavor. For slicing and salads they excel, having none of that bitter taste so often found in cucumbers. May be eaten green, but is at its best just as it is turning yellow. Makes excellent pickles. 55 days. Pkt. 10c, oz. 30c, $\frac{1}{4}$ lb. \$1.00, lb. \$3.00, postpaid.



Cucumber—Extra Early Green Prolific or Boston Pickling

Extra Early Green Prolific or Boston Pickling—The best pickling sort yet introduced. A very prolific variety used principally for pickles. Fruit medium sized, bright green, flesh firm and very crisp and tender. Gather the fruit when small and it will bear all summer. 65 days. Pkt. 5c, oz. 25c, $\frac{1}{4}$ lb. 65c, lb. \$2.00, postpaid.

Japanese Climbing—A strong and vigorous grower, and while all Cucumbers are running or creeping vines, this variety attains nearly twice the length of ordinary sorts and can be grown on trellises, fences or poles. The fruits from ten to twelve inches in length, are of excellent quality either for slicing or pickling. 65 days. Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 50c, lb. \$1.50, postpaid.

Rollinson's Telegraph—For forcing. Long green Cucumbers of excellent flavor, very tender and solid. We have grown this variety under glass to a length of 20 to 25 inches. Pkt. 10 seeds 25c.



Egg Plant—Improved New York

EGG PLANT

($\frac{1}{8}$ oz. to 100 feet of row. $\frac{1}{4}$ lb. to acre)

One oz. will produce 1000 to 15000 plants.

Improved New York—This selection is vastly superior to the old type. The habit of the plant is low and branching, and is quite free from spines. 140 days. Pkt. 10c, $\frac{1}{2}$ oz. 35c, oz. 65c, $\frac{1}{4}$ lb. \$2.00, postpaid.

ENDIVE

1 oz. to 100 feet of row. Four lbs. to acre.

Ger.—Endiven. Scand.—Endive.

White Curled—Leaves pale green; should be used when young. 35 days. Pkt. 5c, oz. 25c, $\frac{1}{4}$ lb. 45c, lb. \$1.25, postpaid.



Endive—Green Curled

Green Curled—For fall and largely used for winter use; also garnishing; crisp and curly; easily blanched. 40 days. Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 45c, lb. \$1.25, postpaid.

Broad Leaved Batavian or Escarolle—A very wide leaved variety, leaves with straight edges, thick and fleshy of a dull green color. Quality excellent. 45 days. Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 45c, lb. \$1.25, postpaid.

GOURDS
See Page 58
GROUND CHERRY
See Tomato Page 98

GARLIC

Ger.—Knoblauch.

Scand.—Hoidloeg.

(1 lb. to 50 feet of drill. 200 lbs. to acre).

GARLIC—The Garlic is the most pungent of all the onion family. Plant in the spring six to eight inches apart, and in August the tops will die when the bulbs are ready to gather; they do best in light rich soil, cultivate same as onions.

Lb. 35c, 5 lbs. \$1.60, postpaid. Write for price on larger quantities.

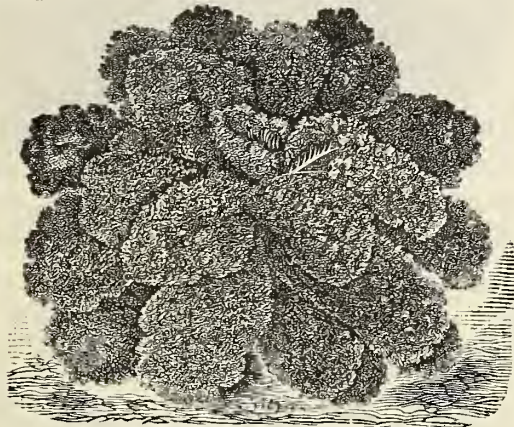


Garlic

HERBS

HERBS—(Sweet, Pot and Medicinal)—The seeds should be sown in spring in shallow drills, 12 inches apart, and the young plants thinned out or transplanted to about 4 inches. They should be harvested on a dry day, just before the blossoms develop, dried quickly and bottled, or closely packed in dry boxes, with the air entirely excluded. Those prefixed by an * are perennials.

	Pkt.	Oz.		Pkt.	Oz.
Anise .....	.05	.35	*Lavender .....	.05	.85
*Balm .....	.05	.0	*Rue .....	.05	.50
Basil .....	.05	.50	Rosemary .....	.05	.75
Borage .....	.05	.35	*Sage .....	.05	.50
Caraway .....	.05	.20	Sorrell .....	.05	.50
Coriander .....	.05	.50	Sweet Marjoram .....	.05	.60
*Catnip .....	.05	1.10	*Summer Savoy .....	.05	.35
Dill .....	.05	.15	*Thyme .....	.05	1.00
*Fennel .....	.05	.40	*Wormwood .....	.05	.30
*Horehound .....	.05	.60			



Kale—Dwarf Curled Scotch

¼ oz. to 100 feet of row. 2 lbs. to the acre.

KALE or BORECOLE

Ger.—Blattenkohl.

Scand.—Groenkaal.

(One ounce will produce about 5,000 plants).

Dwarf Curled Scotch—Kale makes excellent greens for fall and are improved when slightly frosted. Cultivate same as Cabbage. Beautifully curled, very hardy. 55 days. Pkt. 5c, oz. 20c, ¼ lb. 50c, lb. \$1.50, postpaid.

Tall Green Curled Scotch—Always a favorite. 60 days. Pkt. 5c, oz. 20c, ¼ lb. 50c, lb. \$1.50, postpaid.



Kohl Rabi
White Vienna

KOHL RABI

¼ oz. to 100 feet of row, 4 lbs. to acre.

Ger.—Kohl Rabi. Scand.—Kaalrabi.

White Vienna—Turnip rooted; small, white, very tender and delicious when young. 50 days. Pkt. 5c, oz. 25c, ¼ lb. 85c, lb. \$3.00, postpaid.

Purple Vienna—An early variety with a bright purple bulb. The leaves and stems being green and tinged with purple. 70 days. Pkt. 5c, oz. 25c, ¼ lb. 85c, lb. \$3.00, postpaid.



Leek—American Flag

LEEK

Ger.—Lauch.

Scand.—Purre.

½ oz. to 100 feet of drill
4 lbs. to acre.

American Flag—A strong growing variety, producing large, thick stems of sweet flavor when properly blanched. Leeks are hardy and flavor is improved by frost. 80 days. Pkt. 5c, oz. 25c, ¼ lb. 75c, lb. \$2.50, postpaid.

LETTUCE

Ger.—Gartensalat.

Scand.—Salat.

¼ oz. to 100 feet of drill. 3 lbs. to the acre.

Every garden should grow lettuce. Dieticians advise eating some raw, green vegetable daily—salad of cabbage, endive, celery, lettuce, etc.—because of their content of iron or other mineral salts and especially for the essential vitamins—all of which are largely lost in cooking.

Among such vegetables, **LETTUCE** takes a high rank. Lettuce is the best of all salad crops, and a very appetizing and healthful food, especially during the warmer months. To have lettuce at its best, it must be fresh and unwilted. It is so easy to grow and requires such small space in the garden, that every family should have a plentiful supply throughout the season.

LOOSE LEAF seed, sown in rich cold frame in March, can be cut (just above the center bud) in 45 to 60 days and will grow new leaves or can be moved to the open ground later at 8 to 12 inches in the row.

Varieties which **HEAD** should be started early and pricked out in the frame to get room and good root system. As soon as the ground is mellow, set in the open and encourage rapid growth by liberal feeding (nitrate of soda) and cultivation. Sow common sorts for a succession.



Lettuce—May King

HEADING VARIETIES

May King—A few years ago it was hardly known in America, now it is found in the gardens of nearly every up-to-date grower. It simply forced its way to the front on its sterling merits. It grows very quickly even in the cold weather of early spring. The habit is very compact and close; in fact the plant is about all head. Outer leaves light green, inner leaves bright yellow and of a fine, rich, buttery flavor. Heads weigh from 12 to 16 oz., and are so solid that they carry to market in perfect condition. 50 days. Pkt. 10c, oz. 25c, ¼ lb. 70c, lb. \$2.25, postpaid.



Improved Hanson

Improved Hanson—A well known, highly approved lettuce. Globe shaped, large, well formed, firm head of broad leaves so compact that the inner ones are blanched almost white. The outside leaves are glossy green and handsome, the inside ones are very tender and deliciously sweet, and all are beautifully crinkled and curled. For mid-summer planting outdoors, this sort is exceedingly popular, for it has superior qualities for resisting drought and heat. 50 days. Pkt. 5c, oz. 20c, ¼ lb. 65c, lb. \$2.00, postpaid.



Lettuce—Big Boston

Big Boston—The well known and popular hothouse variety of New England. Needs to be quickly grown to be of good flavor. Light green cabbage variety, slightly tinged with brown on the head. Forms a compact buttery head. 50 days. Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 40c, lb. \$1.35, postpaid.

California Cream Butter or Royal Cabbage—A very popular variety for autumn and winter use. Forms a very large head, which is very buttery, and of rich golden-yellow inside. The leaves are thick and of bright green, slightly tinged with brown on top of head, and the outer leaves are slightly spotted with inconspicuous brown spots. Easy to grow and a good shipping variety. 50 days. Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 40c, lb. \$1.35, postpaid.

New York Head—Also Called "Los Angeles" and "Wonderful"—A popular variety for summer planting. The best heat resister. The immense heads are solid and frequently weigh 2 to 3 lbs. each. Beautifully blanched to a creamy white with dark green outer leaves, quality unsurpassed, being tender, crisp and sweet. "New York" is a hardy, rapid grower, deep rooted and resistant to drought; a slow seeder and sure to head. Matures in 65 days. Does remarkably well in all sections. Pkt. 10c, oz. 35c, $\frac{1}{4}$ lb. \$1.10, lb. \$3.50, postpaid.



Lettuce—Iceberg

Iceberg—It is a very crisp variety, loose cabbage in heading, late and very slow to shoot to seed. The head is extremely hard and well blanched, the leaves very completely and tightly overlapping each other. The color is light green, excepting for the faint brown tinge along the extreme border. The quality is good, crisp and firm, very sweet. 75 days. Pkt. 10c, oz. 30c, $\frac{1}{4}$ lb. 85c, lb. \$2.75, postpaid.

Boston Market or Tennisball, W. S.—Smooth-leaved heading variety for late summer use or will stand forcing very well. Its solid, compact habit and good flavor are much sought for. Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 40c, lb. \$1.35, postpaid.

Salamander or Black Seeded Tennisball—The most popular variety for withstanding the hot weather, and forming a close sure head; very solid, of medium size and excellent quality. 55 days. Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 40c, lb. \$1.35, postpaid.

Black Seeded Simpson—A splendid variety either for forcing or outdoor cultivation. Large loose heads of light green color, very crisp and tender. 50 days. Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 50c, lb. \$1.50, postpaid.

LOOSE LEAVED VARIETIES



Grand Rapids—A popular variety for greenhouse planting and will make a quick growth under adverse conditions. Its upright habit permits close planting. 40 days. Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 65c, lb. \$2.00, postpaid.

Early Curled Simpson or Silesia—(White Seeded)—A very extensively used early loose leaved variety. The leaves are light green in color, slightly frilled, crisp, sweet and tender. This sort is especially adapted for sowing thickly and cutting when the plants are young. Does not wilt easily. 40 days. Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 50c, lb. \$1.50, postpaid.

Early Prize Head—This lettuce forms a large, tender, crisp, loose head of bright green crimped leaves tinged with brownish red, of superior flavor, long remaining sweet and slow to run to seed. 50 days. Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 50c, lb. \$1.50, postpaid.

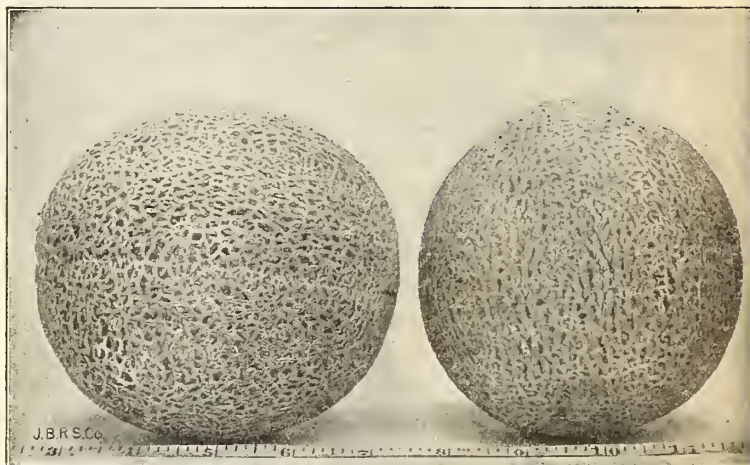
Paris White Cos—Distinct variety of upright growth; leaves should be tied together near top when they soon become crisp and delicious as celery stalks, and eaten in the same manner. 65 days. Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 50c, lb. \$1.50, postpaid.

MUSKMELONS

One ounce will plant about 50 hills, 2 to 3 lbs. in hills per acre.

Culture—A rich, deep sandy loam, well worked and highly manured with old rotten compost is of the first importance. Plant when all danger of frost is over, in hills 5 to 6 feet apart each way; scatter a dozen seeds to a hill, and after they are out of danger from bugs thin to 3 or 4 plants. When they have 4 or 5 rough leaves pinch off the end of the main shoot, which will cause the lateral branches to put forth fruit sooner.

GREEN FLESHED VARIETIES



Muskmelon—Rocky Ford or Netted Gem

Rocky Ford or Netted Gem—Is a valuable introduction, and has attained in an incredibly short time a national reputation. It is of the Emerald Gem type, oval in shape, averaging from four and one-half to five inches in length, of a delicious flavor; very fine and smooth grained flesh of a light green color throughout when ripe. 80 days. Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 50c, lb. \$1.50, postpaid.

MUSKMELONS—Green Varieties—Continued.

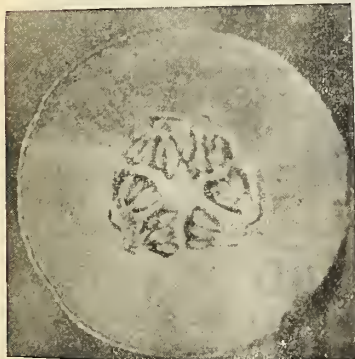
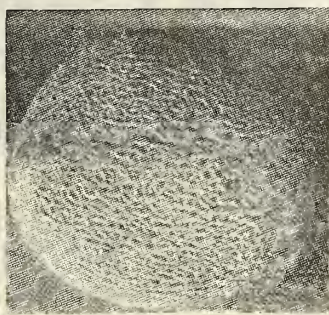
Extra Early Hackensack—Fruit attains a good size, weighing four to six pounds each. The Melons are round, heavily ribbed; skin is light green, of delicious flavor, rich and sugary. It is also a luxuriant, healthy grower, and exceedingly productive. The earliest of all large netted Melons. 70 days. Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 50c, lb. \$1.50, postpaid.

**Honey Dew**

Honey Dew—The sweetest melon of all. Average size 6 inches in diameter and 7 to 8 inches long. Weight 5 to 6 lbs. The skin is smooth and the rind though thin is very tough, of a creamy yellow color when ripe. The flesh is very thick, of a bright emerald green, very fine grained, of very sweet sugary flavor, and can be eaten to the rind. Seed cavity very small. 125 days. Pkt. 10c, oz. 20c, $\frac{1}{4}$ lb. 60c, lb. \$2.00, postpaid.

Jenny Lind—Is one of the earliest green fleshed sorts and one of the sweetest. It is round or flattened. In size it is small, being from three to five inches in diameter, is used in enormous quantities in the eastern cities and at the sea-shore resorts. 70 days. Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 50c, lb. \$1.75, postpaid.

Extra Early Citron or Early Nutmeg—A small round or slightly flattened melon, valuable as an early market sort on account of its extreme earliness, hardness and great productiveness. The skin is green, becoming yellowish at maturity. The flesh is light green, very thick and of delicious flavor. 65 days. Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. \$1.25, postpaid.

SALMON TINTED VARIETIES**Edwards Perfecto****Gold Lined Rockyford**

Edwards' Perfecto—A new variety developed from Eden Gem and the best of the Rocky Ford Class. Fruit very uniform in size, nearly round and densely covered with a hard gray netting; flesh very thick and of a beautiful salmon color, shading into green as it nears the rind. Perfecto has the deepest flesh, smallest seed cells and more salmon-colored flesh than any other type of Rocky Ford shipping melon. Recommended for its hardness, prolificness, deep flesh and excellent eating and shipping qualities. Pkt. 10c, oz. 20c, $\frac{1}{4}$ lb. 50c, lb. \$2.00, postpaid.

Gold Lined Rockyford—This new variety is one of the largest of the Rockyford type, and the seed we offer is extra choice, selected from seed originally direct from the originator. It is very prolific, of uniform size, very thick flesh, of a rich golden yellow next to the seed cavity, fruit very thickly netted. Very fine in every respect. 70 days. Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 50c, lb. \$2.00, postpaid.

Hearts of Gold—A variety of exceptional merit. The fruits are of uniform shape and handy size. They are distinctly ribbed and covered with an attractive fine gray netting. The flesh is a beautiful salmon shade. It is very thick, ripens close to the rind, and of delicious flavor. Pkt. 10c, oz. 25c, 4 oz. 60c, $\frac{1}{2}$ lb. 90c, lb. \$1.50.

State Nursery and Seed Co.
Helena, Mont.

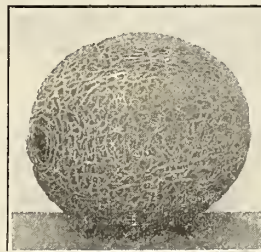
Feb., 1925

Gentlemen:—Your seeds are excellent and do well in this locality.

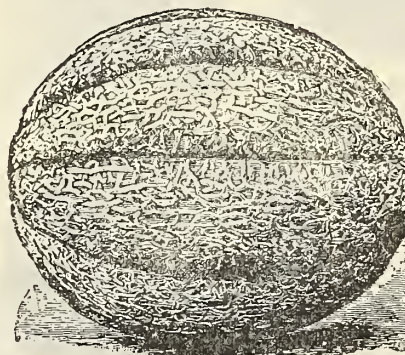
Sincerely,
Mrs. Ray Ferguson, Porthill, Idaho.

ORANGE OR YELLOW FLESHED VARIETIES

Emerald Gem—This has long been acknowledged the most delicious in flavor. It is one of the earliest to ripen, and while too soft to stand shipping any great distance to market, it is unequaled for home use or nearby markets. Very prolific. If fruits are gathered as soon as they ripen, the vines will continue in bearing throughout the season. The melons are slightly flattened at the stem and blossom ends. The skin is smooth and free from netting. The fruits are heavily ribbed. Flesh very thick, small seed cavity. 85 days. Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 45c, lb. \$1.25, postpaid.

**Burrell's Gem****SALMON FLESHED VARIETIES**

Burrell's Gem or Defender—A medium sized oval deeply netted having salmon or red flesh. It is larger than Rocky Ford and of an entirely distinct flavor. There is a growing demand for the fine grained smooth, salmon-red fleshed muskmelons and Burrell's Gem seems to be one of the best in cultivation. 80 days. Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 50c, lb. \$1.50, postpaid.

**Barling's Montana**

StimUplant
Makes a
Wonder Garden

Barling's Montana — Ideal in size for family use, oval shape, flesh salmon-pink, thick fleshed, with small seed cavity; originated in Montana and matures with the earliest. Pkt. 10c, oz. 25c, $\frac{1}{4}$ lb. 75c, lb. \$2.50, postpaid.

**Netted Gem**

Netted King—This melon is the prince of them all. Absolutely the sweetest and most luscious fleshed cantaloupe grown. Is of the salmon flesh variety. The flesh is thick and seed cavity very small covered all over by a fine grey netting. It has the most exquisite texture, sugary, juicy, crisp, tender and has a delightfully aromatic flavor. This melon is the extracted honey from the honeycomb. The sweetest of them all. Pkt. 5c, oz. 25c, $\frac{1}{4}$ lb. 85c, lb. \$3.00, postpaid.

**Osage or Miller's Cream**

Osage or Miller's Cream—A favorite salmon-flesh variety. Large, oval, slightly ribbed and netted; skin is very dark green. Flesh is very thick and sweet flavored, most delicious to the rind. The fruit is extra heavy, owing to the thickness of the flesh. A great favorite for both market purposes and the home garden. 80 days. Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 50c, lb. \$2.00, postpaid.

Of all Vegetable Fruits, the melons are the most delicious. Be sure to plant some melons in your garden.

WATERMELONS

Ger.—Wassermelone.

Scand.—Vandmelon.

One oz. for 30 hills 4 to 5 lbs. to an acre.

The hills should be dug about 2 feet square 18 inches deep, and half filled with well-rotted manure which must be thoroughly incorporated with the soil. Plant in May, 10 seeds to a hill, and when the plants are well up, thin out to three, and pinch the ends of the growing shoots to induce early fruiting. While the watermelon is, generally speaking, a southern product, yet the cultivation of same is not confined to the south. Some of the sweetest and best melons we have seen were produced in the latitude of 45 degrees north; consequently, while the watermelon is a tropical fruit, yet our northern friends can grow them successfully.



Cole's Early

Cole's Early—This is a fine variety for the family and market and is particularly adapted, on account of its earliness, to northern latitudes. For early marketing there is no superior. The bright red flesh is cool, crisp and sweet. The melons are of medium size and produced in generous numbers. The heart is surprisingly large in proportion to size of melon. 80 days. Pkt. 5c, oz. 20c, ¼ lb. 45c, lb. \$1.25, postpaid.

Fordhook Early—This is still without a rival as the earliest large-fruited melon in cultivation. Fruits are of good size, rather short and blocky in form. Skin dark green, occasionally with faint stripes of lighter green. Rind quite thin, but skin tough, making an excellent shipping variety. Flesh bright red, crisp, sweet, and of splendid quality; really one of the finest flavored melons in cultivation today. White seed 85 days. Pkt. 5c, oz. 20c, ¼ lb. 45c, lb. \$1.25, postpaid.



Fordhook Early

StimUplant

Makes a
Wonder Garden

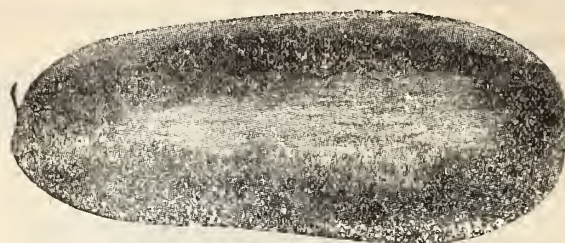
Harris Earliest—Owing to its extreme earliness, and adaptability, it is extensively grown in the Northern states where it is the undisputed favorite. We have known this melon to mature in latitudes as far north as Canada, and in places where watermelons never grew before. The Harris is the earliest watermelon on the market; the sweetest early melon, the largest early melon and the best early melon for the home garden. These are sweeping statements, but

they are true. Moreover, the Harris will out-yeild any other early melon. 70 days. Pkt. 5c, oz. 20c, ¼ lb. 60c, lb. \$1.75, postpaid



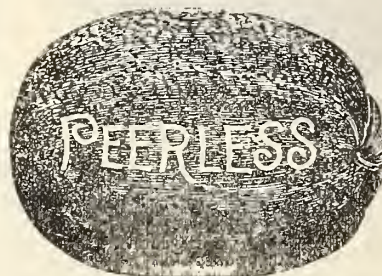
PHINNEY'S EARLY WATERMELON

Phinney's Early—One of the finest of all the early maturing melons of medium size and oblong shape, marked with two shades of green. The rind is thin. The red flesh is very sweet and tender. The vine is productive and a sure cropper. Adapted to all sections, and does exceptionally well in the Northern States. 80 days. Pkt. 5c, oz. 20c, ¼ lb. 45c, lb. \$1.25, postpaid.



Kleckley Sweet or Monte Cristo

Kleckley Sweet or Monte Cristo—This is a very popular watermelon; no doubt it is more universally grown than any other sort. Dark green skin, thin rind; flesh bright scarlet, solid, very sweet and crisp; not a good shipper for long distance. The fruits are oblong and uniform in size. Average weight 25 lbs. 100 days. Pkt. 5c, oz. 20c, ¼ lb. 50c, lb. \$1.50, postpaid.



Ice Cream or Peerless—This melon has become a favorite with a great many; flesh beautiful crimson and excellent quality, dark mottled green rind. Round. Average size 20 pounds. 100 days. Pkt. 5c, oz. 20c, ¼ lb. 45c, lb. \$1.25, postpaid.

CITRON

For Preserves

CITRON—Red Seeded—Fruit round and smooth. Is not eaten raw, but is useful for making a very clear, transparent preserve of peculiarly fine flavor. Flesh white and solid. 100 days. Pkt. 5c, oz. 20c, ¼ lb. 45c, lb. \$1.25, postpaid.

CITRON—Green Seeded—Same as above with green seeds. 100 days. Pkt. 5c, oz. 20c, ¼ lb. 45c, lb. \$1.25, postpaid.



Citron

StimUplant

Makes a
Wonder Garden

MUSTARD

¼ oz. to 100 feet of row. Two to three lbs. to the acre.

White—The green leaves are used as a salad when a few inches high. If sown in a warm place or in a hotbed will be ready to cut in a few days; sow frequently for a succession of crops. Pkt. 5c, oz. 15c, ¼ lb. 30c, lb. 95c, postpaid.

Giant Southern Curled—Large variety, forming great mass of beautiful leaves, ruffled and finely curled on edges; used for salads. Hardy, vigorous, and highly recommended. 35 days. Pkt. 10c, oz. 20c, ¼ lb. 40c, lb. \$1.25, postpaid.

MUSHROOM SPAWN



Practically no capital is required in the mushroom business, and the profits are most satisfactory. All that is required to grow mushrooms is almost any building or cellar, some manure, loam, and last and above all, good spawn. Our Pure Culture Mushroom Spawn is full of vigor, the kind used by the best commercial growers of the United States.

Leaflet—"How to Grow Mushrooms," free for asking.

LAMBERT'S Mushroom Spawn—Per brick 40c, 5 bricks \$1.75, postpaid. By express or freight per brick 35c, 10 bricks \$3.00, 25 bricks \$6.75.

Farmogerm stays good for years. Buy it with your seed and have it ready to use. See Plant Foods, Etc.

State Nursery and Seed Co.
Helena, Mont.

July, 1925

Gentlemen:—My Sweet Peas are wonderful, five feet tall or more and one mass of blossom.

Yours truly,

Mrs. T. V. Rowe, Greybull, Wyo.

StimUplantMakes a
Wonder Garden**ONION SEED****StimUplant**Makes a
Wonder Garden

Ger.—Zwiebel.

(One ounce for 200 feet of drill; 4 to 5 pounds in drills per acre.)

Scand.—Roedloec

The best onions are grown on low, sandy, or mucky lands, with natural moisture and plenty of it. Sow the seed in March in hotbeds or in shallow boxes in the house, transplanting to the open ground in May or as soon as the ground is warm and in good condition. Follow this method for an early and successful crop.

The crop must be kept free from weeds, and it is usually necessary to weed out in the row by hand once or twice. Hoeing between the rows may be done oftener. It is not necessary to thin the plants in the row, since some thinning is naturally done during the hand weeding.

Steady, even growth is necessary to good onions and a check in growth, whether from disease or drought causes them to run to seed badly.

Different markets and localities prefer different onions. Globe onions are generally most popular and yield better than the other sorts. Flat onions are earliest and the large sized kinds have the best flavor. All seed is tested as to vitality.

WHITE VARIETIES

Onion—Silver King

White Pickling—For early bunching, pickling, etc. Small, hard, round; keeps well; does not turn green when exposed to sun. Pkt. 5c, ½ oz. 30c, oz. 50c, ¼ lb. \$1.75, lb. \$6.00, postpaid.

Mammoth Silver King—An early large white, flat variety. Is not a keeping sort nor a good shipping variety, but is valuable for home use and nearby markets. Very mild and fine flavor. 125 days. Pkt. 10c, ½ oz. 30c, oz. 50c, ¼ lb. \$1.75, lb. \$6.00, postpaid.

NOTICE

Onion Seed very expensive this year. The smallest crop on record. Prices subject to change.

The Hardy Salad or Bunching Onion

White Welsh—Pearly white in appearance and mild in flavor. It does not form a bulb, but very early in the Spring, before seeds or sets are planted, it produces a fine bunch onion or scallion. Being very hardy, requires no winter mulching. Seed may be sown in the early Spring, but not later than the latter part of June. Pkt. 10c, ½ oz. 30c, oz. 50c, ¼ lb. \$1.50, lb. \$5.00, postpaid.

RED VARIETIES

Large Red Wethersfield—Persistent selections of bulbs planted for seed have given us a small-necked, sure-ripening strain entirely free from scallions. Though well flattened, the solid onions are thick through. The outer skin is a deep, rich, purplish-red, smooth and glossy; flesh white, lightly tinged with pinkish rose. The magnificent large, solid onions are nearly as mild in flavor as many varieties with skin of lighter coloring. Its splendid keeping qualities make it easy to hold crops for late winter markets in the Northwest. 120 days. Pkt. 5c, ½ oz. 30c, oz. 50c, ¼ lb. \$1.75, lb. \$6.00, postpaid.

Southport Red Globe—Large globe-shaped purplish-red variety, and an excellent keeper. 125 days. Pkt. 5c, ½ oz. 30c, oz. 50c, ¼ lb. \$1.50, lb. \$5.00, postpaid.

Extra Early Red Flat—An extra early red onion, which yields abundantly, keeps well and is of mild flavor. The bulbs are of medium size and rich red in color, very close grained, solid and heavy. This variety will form bulbs in cold, mucky soils where others frequently fail to ripen. Plant this where the seasons are short and cool. Marketable onions in 100 days. Pkt. 5c, ½ oz. 30c, oz. 50c, ¼ lb. \$1.50, lb. \$5.00, postpaid.

BROWN SKINNED

Australian Brown—An early and very hardy variety which does especially well in Montana. Should be planted early, on low, wet ground to get large bulbs. The skin is thick and the color is a rich brown. Is especially noted as a long keeper, as it keeps well into the spring, and much longer than other varieties. 110 days. Pkt. 5c, ½ oz. 40c, oz. 75c, ¼ lb. \$2.50, lb. \$9.00, postpaid.

If unable to find what you want refer to the index.



White Portugal or Silver Skin

Early White Barletta or White Queen—An exceedingly early variety growing about 1½ inches in diameter, and ¾ of an inch thick. A most excellent sort for bunching and pickling. 75 days. Pkt. 5c, ½ oz. 30c, oz. 55c, ¼ lb. \$2.00, lb. \$7.00, postpaid.

White Portugal or Silver Skin—The best known and most largely used white onion. Is flat on the bottom and thick toward the top, very hard and firm and an excellent keeper. 110 days. Pkt. 5c, ½ oz. 30c, oz. 50c, ¼ lb. \$1.75, lb. \$6.00, postpaid.

Southport White Globe—

A very desirable variety which yields an abundant crop of fine large onions. Pure white color, mild flavor and equally good for keeping as the Yellow Globe. It is an enormous yielder and always sells at high prices. It is best to dry these onions in a shady place and give plenty of air. 120 days. Pkt. 5c, ½ oz. 40c, oz. 75c, ¼ lb. \$2.50, lb. \$9.00, postpaid.

YELLOW VARIETIES

Yellow Globe Danvers—This onion is the standard winter sort in many markets. The shape is almost globe form and the bulbs are quite large, with thin necks, ripening down well. The skin is a fine brown orange yellow, while the flesh is pure white, solid and of good quality. Its keeping qualities are of the best. This strain is so nearly globe shaped that it passes for a globe, and its earliness makes it valuable for market. 120 days. Pkt. 5c, ½ oz. 40c, oz. 75c, ¼ lb. \$2.50, lb. \$9.00, postpaid.

Prizetaker or Mammoth Yellow Spanish—Largest Yellow Globe Onion. Excellent keeper of finest flavor, handsome shape and enormous size, many single onions have been raised to weigh five pounds and over from seeds the last year. It is of the same type as those immense imported onions which can be seen in stores and always command a very high price. 130 days. Pkt. 5c, ½ oz. 40c, oz. 75c, ¼ lb. \$2.50, lb. \$9.00, postpaid.

Ailsa Craig—The largest onion grown. It is a good keeper and is much liked and recommended on account of its acceptable delicate and pungent flavor. The skin is an attractive straw color. To secure the largest onions seed should be sown in hotbeds in the early spring and transplanted later to the open ground. 135 days. Pkt. 10c, ½ oz. 30c, oz. 50c, ¼ lb. \$2.00, lb. \$7.00, postpaid.

We guarantee safe delivery of your seed order by Parcel Post if insured. See seed order blank—and add insurance fee, 8c will insure package to value of \$25.00.



Extra Early Red Flat



Southport Red Globe

April, 1925
State Nursery and Seed Co.

Gentlemen:—Plants arrived in excellent condition and are fine specimens.

Yours very truly,
G. H. Jacobus, Livingston, Mont.

ONION SETS

One lb. 75 feet of drill, 300 lbs. to the acre.

The Importance of Using Northern Grown Onion Sets

The planting of Onion Sets is increasing rapidly year after year. The Bottom Onion Sets produce onions ready for market six weeks earlier than can be had by sowing the seed. This enables the grower to sell his entire crop earlier in the season, at which time the prices usually are higher. It also permits the sowing of another crop on the land the same year. Bottom Sets are about as big as the end of your finger and when set out in spring they come quickly and make nice green onions for bunching, or if left to stand will make big onions as from seed but much earlier. We can furnish them in the yellow, red or white. Yellow are generally the best. Multiplier sets are also good.

Size of Onion Sets

It is very important that you get onion sets of the right size. If just a little too large they will run to seed right away instead of making a good onion. The rule is to sell every set below 1½ inches in diameter, but in that case there is sure to be some too large that will go to seed. Therefore we use none above ¾ inch.

ONION SETS: Postpaid Prices Only			
	Lb.	5lbs.	10lbs.
White Bottom .....	.35	1.65	3.20
Red Bottom .....	.35	1.60	3.10
Yellow Bottom .....	.30	1.40	2.70
Yellow Multiplier .....	.30	1.35	2.60

ONION SETS: By Express or Freight Only			
	Lb.	5lbs.	10lbs.
White Bottom .....	.30	1.40	2.70
Red Bottom .....	.30	1.35	2.60
Yellow Bottom .....	.25	1.20	2.30
Yellow Multiplier .....	.25	1.20	2.25

NOTICE—Above prices on Onion Sets apply when wanted by express or freight only, at purchaser's expense.



Grown from Egyptian Winter Sets

Egyptian Winter—or Perennial—These sets are usually planted in the fall, being hardy everywhere. They never form large bulbs but produce small green onions weeks before any other sort. They are unsurpassed in sweetness and tenderness. The sets are produced on the top of the stalks. Will be equally satisfactory from spring planting. Can supply in spring and fall. Postpaid prices only, lb. 30c, 5 lbs. \$1.35, 10 lbs. \$2.60.

By express or freight only, at purchaser's expense. Lb. 25c, 5 lbs. \$1.20, 10 lbs. \$2.25.

OKRA or GUMBO

One oz. to 100 feet of drill. 8 lbs. to the acre.

The long tender pods of Okra are very delicious when sliced and cooked in soups. While this is the chief use, it is also boiled and served like other vegetables. The dwarf sorts may be planted in hills or in rows about three feet apart. Plant in any good soil about May 15. The pods should be gathered when very young, as they are then very tender.

Dwarf Green—An early dwarf prolific variety with thick, green pods. 65 days. Pkt. 5c, oz. 20c, ¼ lb. 40c, lb. \$1.25, postpaid.

White Velvet—Very tender pods, long smooth and white. 60 days. Pkt. 5c, oz. 20c, ¼ lb. 40c, lb. \$1.25, postpaid.

PARSLEY

Ger.—Petersilie.

Scand.—Persilie.

(One oz. for 150 feet of drill).



Parsley—Moss Curled

Parsley succeeds best in rich mellow soil. As the seed germinates very slowly, it should be sown quite early in the spring, previously soaking the seed for a few hours in tepid water. Sow thickly in rows a foot apart and half an inch deep. For winter use, protect in a frame or light cellar or a few plants may be placed in pots or boxes and kept in the house.

Moss Curled—There is no more attractive variety than

this when well grown; it is hardy and slow to run to seed; every gardener's favorite. 65 days. Pkt. 5c, oz. 20c, ¼ lb. 50c, lb. \$1.50, postpaid.

Extra Double Curled—In shape of leaf, color and taste this new variety is perfect. It stands heat, drought and cold better and will yield better than any other of the numerous varieties of Parsley we have ever had. 60 days. Pkt. 5c, oz. 20c, ¼ lb. 50c, lb. \$1.50, postpaid.

Hamburg or Turnip Rooted—Turnip rooted variety. The roots as well as the leaves are used for flavoring soups, etc. The roots are stored like carrots for winter use. 100 days. Pkt. 5c, oz. 20c, ¼ lb. 60c, lb. \$1.75, postpaid.

PARSNIP

Ger.—Pastinake.

Scand.—Pastinak.

(One ounce for 200 feet of drill, 5 to 6 lbs. in drills per acre.)

Sow as early in the spring as the weather will admit, in drills 15 inches apart, covering half an inch deep. It is usual to take up in the fall a certain quantity for winter use leaving the rest in the ground till spring, to be dug up as required.



Hollow Crown or Guernsey—An excellent variety for the table. The roots are long with smooth white skin, uniform in shape tender and of the best quality. The variety is easily distinguished by the leaves growing from the depression on top of crown or root. 85 days. Pkt. 5c, oz. 20c, ¼ lb. 50c, lb. \$1.25, postpaid.

Long White or White Dutch Sugar—This variety of parsnip is very hardy and will keep well through the winter without protection. The roots are long, white, smooth, tender and of most excellent flavor. Much used for the table and suitable also for stock feeding. 100 days. Pkt. 5c, oz. 20c, ¼ lb. 50c, lb. \$1.25, postpaid.

Inoculate this
Seed with
FARMOGERM.

Ger.—Erbesen.

PEAS

Scand.—Dan-Nor.

Inoculate this
Seed with
FARMOGERM.

(1 lb. to 100 feet of drill: 80 to 100 lbs. to the acre).

1 lb. is a little more than 1 pint. 2 lbs. is a little more than 1 quart.

Peas are quite hardy, and for early crop sow as soon as the ground can be worked. Then sow in succession every two weeks until the first of August. They require moderately rich soil but not excessively rich or wet, or they will run too much to vine and will not bear heavily. The dwarf varieties can be planted in rows 12 to 18 inches apart, and the tall varieties 3 ft. apart. The tall varieties should be staked up by brush or tied up. By using the various classes of peas and making several sowings of each, good peas can be had for a long season. The pods should be kept picked, the plants will then continue to bear longer. For late sowing, use Early Dwarf varieties.

EXTRA EARLY ROUND SEEDED VARIETIES



ALASKA PEAS

Alaska or Earliest of All—The earliest pea on the market. The seed is smooth and of bluish color. On this account it is very popular with canners and market gardeners. Very uniform in ripening and an excellent yielder. Height 24 to 30 inches. 45 days. Pkt. 5c, ½ lb. 20c, lb. 35c, 2 lbs. 65c, postpaid.

EXTRA EARLY DWARF WRINKLED VARIETIES

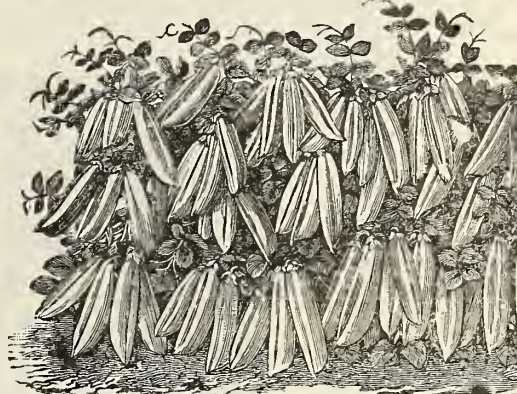


AMERICAN WONDER PEAS

American Wonder—In the dwarf compact growing extra earlies the American Wonder leads all others, can be grown in rows 18 inches to two feet apart. They are quite prolific; the crop can be gathered in 2 or 3 pickings and the soil cleared for succeeding crops. 9 to 12 inches high. 60 days. Pkt. 5c, ½ lb. 20c, lb. 35c, 2 lbs. 65c, postpaid.

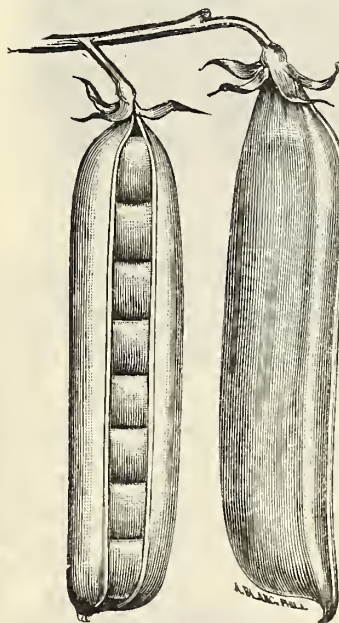
On Peas in lots of 5 lbs. or more of one variety, deduct 5c per lb. when ordered by express or freight not prepaid.

PEAS—EXTRA EARLY WRINKLED—(Continued).



Peas—Little Marvel

Little Marvel—A first-early Pea of the finest quality, better than American Wonder or Nott's Excelsior. The vines of dwarf even growth, average 18 inches high, and are heavily set with fine pods, usually in pairs. The pods average 3½ inches in length, are square at the bottom, and are well filled with quite large, deep green Peas. The Peas are ready for picking fully as early as American Wonder, but the pods are larger and the vines bear a much heavier crop. All who desire a fine crop of an early, choice variety of Peas will be delighted with Little Marvel. 65 days. Pkt. 5c, ½ lb. 20c, lb. 35c, 2 lbs. 65c, postpaid.



Nott's Excelsior

Nott's Excelsior—The best, very early, dwarf pea. It combines the good qualities of American Wonder and Little Gem Peas. The vines are larger and more productive than American Wonder and earlier than Little Gem and average about twelve inches high. The pods are medium sized, about two and three-fourths inches long. The peas, in sweetness and quality, are unsurpassed. Seed medium sized, wrinkled, green and somewhat flattened. A most desirable early sort for the market gardener and unsurpassed for the home garden. 60 days. Pkt. 5c, ½ lb. 20c, lb. 35c, 2 lbs. 65c, postpaid.

INOCULATE THIS
SEED WITH
FARMOGERM

Little Gem—Height 16 to 18 inches. The vines are of dwarf growth and produce an abundance of round, well filled pods 2½ to 3 inches long, only three days after the American Wonder. The Peas are green, wrinkled, of sweet, delicious flavor and excellent quality. One of the best for family use. It remains fit for use longer than the American Wonder and Nott's Excelsior, and is thought by many to be sweeter. 60 days. Pkt. 5c, ½ lb. 20c, lb. 35c, 2 lbs. 65c, postpaid.

BORDEAUX MIXTURE

To prevent root-blight, pour a cupful of Bordeaux around the stem at the surface of the ground.

Inoculate this
Seed with
FARMOGERM.

Ger.—Erbesen.

PEAS

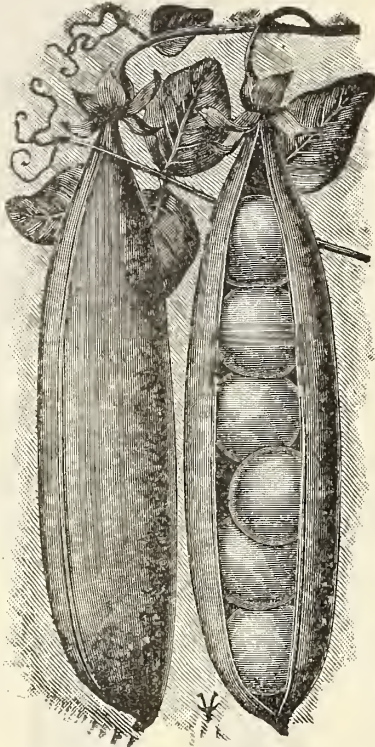
Scand.—Dan-Nor.

Inoculate this
Seed with
FARMOGERM.

EARLY WRINKLED VARIETIES

Carter's Daisy or Early Dwarf Telephone—Dwarf, large podded, needs no brush. The striking features of the Daisy pea are its large pods and the way in which they are heaped up in ridges on the short, strong vines. The pods are nearly double the size of American Wonder or Little Gem, and are always well filled with large peas of most excellent quality. The vines are 16 to 18 inches high, and being strong and thrifty, require no support, making it an ideal variety for use where brush or stakes are not available. This pea is desirable on account of the fine appearance of the pods, and always finds a ready sale. 65 days. Pkt. 5c, ½ lb. 20c, lb. 35c, 2 lbs. 65c, postpaid.

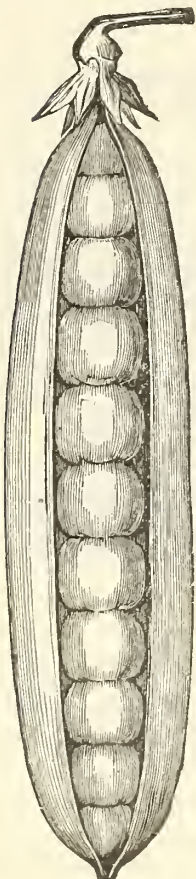
Gradus or Prosperity—The most popular high quality extra early, wrinkled pea. This remarkable pea is not only large and of the best quality, but is within two or three days as early as the small round extra early sorts. Gradus is a wrinkled pea, growing about 30 inches high; the pods are of a bright green color measuring 4 inches with luscious peas, 8 to 9 or more in a pod. The peas are of the highest table quality and retain in a remarkable manner their color and attractive appearance after cooking. A grand pea in all respects. 60 days. Pkt. 5c, ½ lb. 20c, lb. 35c, 2 lbs. 65c, postpaid.



Peas—Gradus or Prosperity

Laxtonian—A very fine dwarf early Pea. The largest podded of the early dwarf wrinkled varieties. Has no superior for either quality or productiveness. Ready to use within a very few days of the very earliest types. Similar to Gradus in shape. Vines grow to an average height of about eighteen inches. The pods four inches or more long, slightly curved, with a sharp curve at the end. Contains eight to ten wrinkled luscious peas of finest flavor. Almost double the size of any other early dwarf wrinkled pea. Ready for the table in about sixty-five days. One of the few peas to receive the "Award of Merit." Pods grow near the top, making them easy to pick. One of the largest yielding varieties. Vines are vigorous, foliage dark green, which enables it to resist the extreme conditions to which Peas are subjected in many sections of the United States. A good pea for the market grower or for the home garden. A pea of real merit. 65 days. Pkt. 5c, ½ lb. 20c, lb. 35c, 2 lbs. 65c, postpaid.

Melting Sugar—(Edible pods). We consider this the best of the edible-podded sorts, in which the pods are used when half grown and are cooked in the same way as snap beans. The pods of Melting Sugar are very large, four to five and a half inches long, broad, often curved or twisted, and when young, stringless, very tender and finely flavored. The variety we offer, sometimes called Mammoth Melting Sugar, is very prolific, strong growing, about four to five feet high, with large light colored foliage. 85 days. Pkt. 10c, ½ lb. 25c, lb. 40c, 2 lbs. 70c, postpaid.



Laxtonian

MAIN CROP VARIETIES

Roosevelt — This splendid pea is of the same podded type as the Telephone but the pods are larger and the peas sweeter. The Roosevelt Pea surpasses all other large-podded varieties in another particular, that of productiveness. In other words a pint of Roosevelt pea pods will yield as many shelled as a quart of most other sorts. Quality is always to be preferred to quantity, but a pea which will give better quality and larger quantity is the pea to plant; that pea is the Roosevelt. A very popular variety. Height four feet. 70 days. Pkt. 5c, ½ lb. 20c, lb. 35c, 2 lbs. 65c, postpaid.

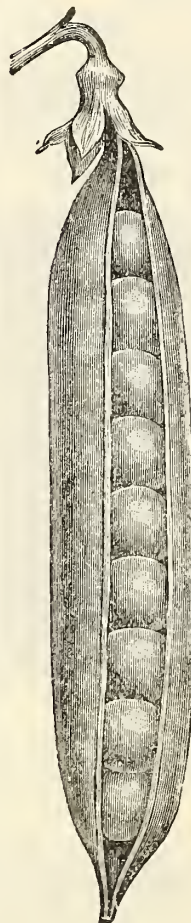


Roosevelt Pea

Telephone—Medium late. This fine pea has proved a valuable acquisition, vines vigorous, growing about four feet high and producing an abundance of large pods filled with immense peas, which are tender, sweet and of excellent flavor. It has sterling merit, which gardeners appreciate. 75 days. Pkt. 5c, ½ lb. 25c, lb. 40c, 2 lbs. 70c, postpaid.

Dwarf Champion—A desirable main crop sort for the market or home garden. The vines are of medium height, about two and one-half feet, stout, vigorous and hardy, and are unusually productive. The pods are large, often four inches long, broad, quite straight, deep green in color, handsome and very well filled with large peas which are tender and unsurpassed in quality. Seed large, light green, wrinkled. Dwarf Champion is similar to Champion of England in pods only; the vine is shorter and more sturdy. Pkt. 5c, ½ lb. 20c, lb. 35c, 2 lbs. 65c, postpaid.

Large White Marrowfat—The vines of this tall variety are about five feet high and of strong growth. The pods are large, about three inches long, cylindrical, surface somewhat roughened, light colored and well filled. Seed large, smooth, round and light creamy yellow. It is desirable for summer use but is not as sweet and tender as most sorts, although undoubtedly one of the most productive of the garden varieties. Grow this variety for your supply of dried Peas for winter use. Pkt. 5c, ½ lb. 20c, lb. 30c, 2 lbs. 55c, postpaid.



Peas
Telephone

On Peas in lots of 5 lbs. or more of one variety, deduct 5c per lb. when ordered by express or freight not prepaid.

PEPPERS

Ger.—Pfeffer.

Scand.—Spankspebr.

One ounce will produce 1000 to 1500 plants.

Peppers are growing in popularity among cooking experts for seasoning pickles, sauces and various dishes. Plant seed $\frac{1}{2}$ inch deep in a hot bed, cold frame or box in the house, set in rows about $1\frac{1}{2}$ feet apart each way in the garden, about corn planting time. Hen manure is an excellent fertilizer and will greatly increase the yield.



Large Bell or Bull Nose—Flesh thick, hard and less pungent than most other varieties, excellent quality for use in salads or for stuffed peppers. Sometimes three to four inches in length. 140 days. Pkt. 10c, $\frac{1}{2}$ oz. 30c, $\frac{1}{2}$ lb. 55c, $\frac{1}{4}$ lb. \$1.75, postpaid.

Sweet Mountain—Vigorous and productive, fruit is large and smooth, flesh thick, fine flavor. 130 days. Pkt. 10c, $\frac{1}{2}$ oz. 30c, oz. 55c, $\frac{1}{4}$ lb. \$1.75, postpaid.

Cayenne Long Red—Pods are small cone shaped and red, hot and pungent, used for pickling. 130 days. Pkt. 10c, $\frac{1}{2}$ oz. 30c, oz. 55c, $\frac{1}{4}$ lb. \$1.75, postpaid.

Pimiento—The Mildest Flavored of all Peppers—Its superior and valuable qualities will be much sought. It is extensively grown by canners for pimientos, pickles and pulp, maturing in 135 days. Its productiveness makes it a desirable sort for market gardeners as it yields heavy crops until cut off by frost. Its smooth, thick flesh and uniform shape makes it an excellent shipper. Should be planted in every garden where a delicious sweet flavored pepper is wanted both for salad and for stuffing. Pkt. 10c, $\frac{1}{2}$ oz. 35c, oz. 65c, $\frac{1}{4}$ lb. \$2.00, postpaid.

HINTS ON FERTILIZING THE GARDEN

Where no manure is used the fertilizer should be spread over the surface of the finely prepared seed bed at the rate of five pounds for a plot ten feet square, just before planting. The surface soil should then be thoroughly raked so as to mix the fertilizer evenly to a depth of two inches. Never place seed or transplanted plants in direct contact with fertilizer.

Thoroughly mixing of the fertilizer with the soil is essential to prevent injury of seed or roots.

Tomatoes, Potatoes, Spinach and some other crops requiring rather long growing seasons, are materially benefited by a second application of fertilizer when half grown. Side dressings of Bone Meal should be scattered between the rows at the rate of four ounces to ten feet of row, when rows are spaced two feet apart; and pro rata for rows spaced a greater or lesser distance.

Forcing Growth—Nitrate of Soda is a very strong stimulant for young growing plants. Vegetables grown for their leaves and stems, like lettuce, cabbage, celery, etc., can be improved by a light application or two of Nitrate of Soda in the early growing period. Nitrate of Soda is readily soluble. Use one ounce to three gallons or one pound to fifty gallons of water. Apply this in small amounts some little distance from the plant. Repeat in from twenty to thirty days.

PUMPKINS

Ger.—Melonen—Kwabis.

Scand.—Graeskar.

(One ounce for 25 hills—three lbs. to the acre.)

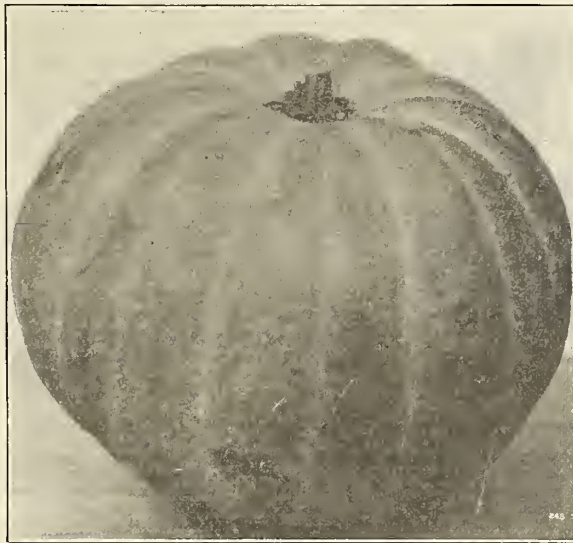
Culture—The common practice is to drop two or three seeds in every third or fourth hill in the cornfield, but if cultivated on a large scale, the seed may be sown in hills 8 feet apart each way, four plants to each hill.



Early Small Sugar or Pie—Is so well known as the best pie pumpkin. It requires little description. The fruit is small to medium size with solid fine grained flesh, and such a sweet sugary delicious flavor they all call for "more"; the seed cavity is small. 70 days. Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 45c, lb. \$1.25, postpaid.

Early Small Sugar or Pie

Japanese Pie—A Large, Dark Green **Crookneck Sort**—A high quality pumpkin of Japanese origin. The flesh is very thick, of a rich salmon color, fine grained, dry and sweet. Of medium size, early, very productive and a good keeper. Highly desirable for pies. Ripens in 70 days. Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 45c, lb. \$1.35, postpaid.



Pumpkin—Large Cheese or Kentucky Field

Large Cheese or Kentucky Field—A large round flattened pumpkin with broad ribs, the skin is of a rich cream color, flesh yellow, tender and of excellent quality. Extra fine quality for family and market use, fine for pies and rich food for stock. 90 days. Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 30c, lb. \$1.00, postpaid.

"Jumbo" or "King of the Mammoths"—Fruits grow to enormous size. Salmon-orange skin; very thick bright yellow flesh, which is fine grained, and of excellent quality for pies. 90 days. Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 50c, lb. \$1.50, postpaid.

Winter Queen or Winter Luxury—Medium size, nearly round, skin a beautiful deep orange-yellow, finely netted. Very productive, sweet, tender, and an excellent keeper. 80 days. Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 45c, lb. \$1.35, postpaid.

Connecticut Field—The Best Yellow Field Sort—Also known as Big Tom. A large round or slightly oval shape pumpkin. Skin reddish orange color, with rich orange yellow flesh. Extensively grown for stock feeding, and generally planted with corn, producing enormous crops in 90 days. Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 35c, lb. \$1.00, postpaid.



Pumpkin—Connecticut Field

RADISH

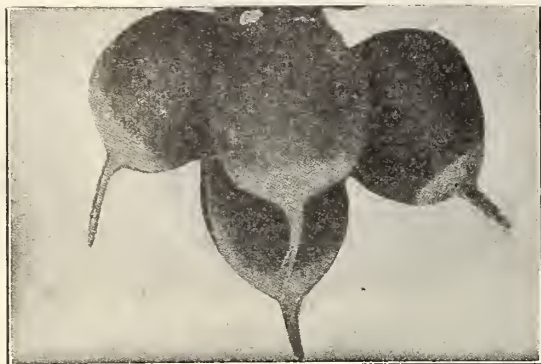
Ger.—Radies.

Scand.—Reddik.

(One ounce will sow 100 feet of drill, 8 to 10 lbs. to the acre)

Being a root crop, good brittle Radishes require light, well worked soil, made very rich and mellow to insure quick growth. If permitted to grow slowly, they become tough and pithy. They are easy to grow and frequent planting will insure a constant supply for the table. Thin the very young plants somewhat to prevent crowding. Summer varieties can be sown all spring and well into summer. Winter varieties, however, require some time to mature; the seed of these should be planted in June or July.

EARLY ROUND VARIETIES



Radish—Early Scarlet Turnip White Tipped

Early Scarlet Turnip White Tipped—A splendid early Radish, very attractive appearance; its white tip and deep scarlet are always pleasing to the eye. Very tender and of good flavor. 25 days. Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 50c, lb. \$1.50, postpaid.



Crimson Giant

Early Scarlet Turnip—A well-known Radish for early home and market use. Matures quickly, crisp and of good flavor. 25 days. Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 45c, lb. \$1.35, postpaid.

Crimson Giant Globe—A variety extraordinary, in that while growing to an unusually large size, is always tender and of mild flavor. It remains in perfect condition a remarkable long time and unlike other forcing varieties, does not become pithy even when twice their size in diameter. 32 days. Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 50c, lb. \$1.50, postpaid.

Non Plus Ultra or Early Deep Scarlet—The roots are small, round and deep rich scarlet in color. They make a very quick growth, and are ready for use in from 20 to 30 days after sowing. The flesh is white, crisp, tender and of fine quality. Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 50c, lb. \$1.50, postpaid.



Radish—Early Scarlet Globe

Early Scarlet Globe—One of the earliest; flavor mild, crisp, juicy and tender. It forms a small top and will stand a great amount of heat without becoming pithy. 25 days. Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 50c, lb. \$1.50, postpaid.

Early White Turnip—A very quick-growing, small turnip-shaped variety. Color, clear white; very mild flavor. 25 days. Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. \$1.35, postpaid.



Radish—French Breakfast

French Breakfast or Half Long—Medium size, olive-shaped Radish, small top, scarlet except at the tip, which is white; a splendid table variety for either forcing or outdoor culture. Makes rapid growth. A great favorite. 30 days. Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 50c, lb. \$1.50, postpaid.

SUMMER RADISHES—LONG VARIETIES

Grow larger than early varieties and remain in good condition longer.



Long White Vienna or Lady Finger—An extra-fine garden radish. Both skin and flesh are pure white; the flavor is quite mild, and the roots seldom become pithy, remaining in good condition for a considerable length of time. 30 days. Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 45c, lb. \$1.35, postpaid.

White Icicle—The roots of this Radish grow about six inches long, are of transparent whiteness with short leaves, and make their growth very quickly. It is of excellent flavor and equally valuable for home use and market gardeners. 30 days. Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 50c, lb. \$1.50, postpaid.

Radish—Icicle

White Strasburg—In our opinion there is no better Radish grown; the roots are white and grow to a large size, four or five inches long, for sweetness, tenderness and flavor it is unequalled. Keeps crisp and tender for a very long time. 40 days. Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 45c, lb. \$1.35, postpaid.



Radish—White Strasburg

Long Scarlet Short Top—This bright scarlet short topped sort is about 5 inches long, growing half out of the ground; is uniformly straight and smooth, crisp and brittle; an excellent variety for private gardens or market. 35 days. Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 45c, lb. \$1.25, postpaid.

Cincinnati Market or Long Brightest Scarlet—An early variety, splendid for forcing or open ground. The tops are small and they stand close in the row, straight and smooth—clear bright red in color—flesh very tender. 35 days. Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 40c, lb. \$1.25, postpaid.

WINTER VARIETIES

Make your first planting the middle of June, a second the middle of July. Sow thinly in rows not less than 15 inches apart between the rows, and thin out to stand 6 inches apart in the row. Radishes must grow quickly to develop quality, and a rich, firm, and well-drained soil is essential. Apply water during dry weather. Winter Radishes are easily stored for winter use in any frost-proof cellar.

China Rose—One of the best fall and winter varieties, firm, white flesh. 60 days. Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 40c, lb. \$1.25, postpaid.

Mammoth White China or Celestial—Flesh solid and brittle; pure white; flavor mild or slightly pungent. A splendid keeper for use in winter; very showy. 70 days. Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 40c, lb. \$1.25, postpaid.

Long Black Spanish—The latest and hardiest of all the winter Radishes; roots black, long, large and good keeper, pull before severe frost and store in damp sand in root house. 70 days. Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 40c, lb. \$1.25, postpaid.

Round Black Spanish—A round form of above. 60 days. Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 40c, lb. \$1.25, postpaid.

Sakurajima or Mammoth Japan—This is a mammoth variety, and is said to be the largest variety that is obtainable in Japan. Very tender and round. Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 65c, lb. \$2.00, postpaid.

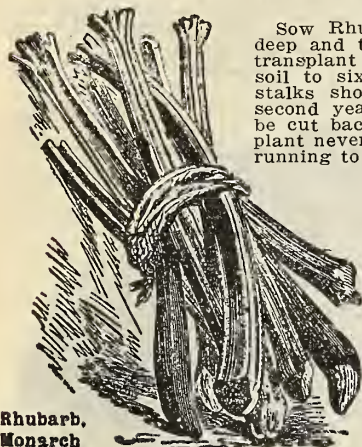
Nerima or Mikado—A wonderful product of the Orient, with snow-white flesh, very tender and under good conditions growing from two to three feet in length. Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 65c, lb. \$2.00, postpaid.

RHUBARB

Ger.—Rhababer.

(One ounce to 125 feet of drill, 1 lb. to acre).

Scand.—Rhababer.

Rhubarb,
Monarch

Sow Rhubarb seed in drills one inch deep and thin out to six inches apart; transplant in the fall to deep, manured soil to six feet apart each way. The stalks should not be pulled until the second year. The bloom stalks should be cut back well to the crown and the plant never allowed to exhaust itself by running to seed.

Monarch—Largest and most productive variety known. Will grow 15 to 20 inches long and fully 1½ inches broad. A popular variety. Pkt. 5c, oz. 20c, ¼ lb. 50c, lb. \$1.50, postpaid.

Victoria—Very large, highly colored and of good flavor. Pkt. 5c, oz. 20c, ¼ lb. 50c, lb. \$1.50, postpaid.

SALSIFY OR OYSTER PLANT

Ger.—Hafer-Wurzel.

Scand.—Havrerod.

(One ounce will sow 100 feet of drill, 8 lbs. to the acre.)

Culture—Sow the seed in light, deep soil, early in spring, in drills 12 inches apart and 1 inch deep, thinning out the young plants to 4 or 5 inches. The roots will be ready for use in October, when a supply should be taken up and stored like carrots. Those remaining will suffer no injury by being left in the ground till spring, but should be dug before commencing their growth.

Mammoth Sandwich Island—We consider this the largest and most profitable salsify in cultivation; roots are two to three times the size of the ordinary salsify, and of more agreeable flavor. It is pure white in color, and invaluable to market gardeners, 90 days. Pkt. 10c, oz. 25c, ¼ lb. 75c, lb. \$2.50, postpaid.



Salsify

Seeds for Flavoring, Medical and other Purposes

	Postpaid	¼ lb.	lb.
Celery—For flavoring and soup (not for sowing) .....		.20	.60
Dill—For flavoring .....		.15	.50
Pumpkin—(For medical purposes) .....		.15	.45
Water Melon—(For medical purposes) .....		.15	.40
Musk Melon—(For fancy work) .....		.15	.40

SOW THE SEEDS OF SUCCESS

All our Vegetable and Flower Seeds are tested before we place them in the packages, and each year most of the vegetable seeds are grown to maturity in our trial grounds during the Summer that we may know just what the seeds we sell will produce. We know they will grow for they have all been tested as to germination before being placed on sale. The success of your Garden and Farm Crops is largely dependent upon the quality of the seeds you sow. For over thirty years State Nursery and Seed Co. has stood for highest quality in seeds, coupled with service and fair treatment.

PLANT A GARDEN

Eat More Vegetables

Vegetables are the natural source of vitamins.
Vegetables contain more of this life force than any other food.
Vegetable food is pure food.
Vegetables are healthful.
Grow more vegetables.
Eat more vegetables.

LENTILS

Lentils—Montana Grown—Growth and habit similar to the Pea. Is in great demand for cooking purposes, makes excellent soup. Lb. 25c, postpaid 30c.

PLEASE REMEMBER

about September 1st we issue a bulb and hardy plant catalogue, describing the fall bulbs such as hyacinths, tulips, crocus, snowdrops, etc. We also have at that time a complete list of hardy plants for fall planting. Our bulbs come from our own special grower in Holland, while our hardy plants are of our own growing. We will be pleased to have the names of any of your friends who might be interested in this booklet. Ask for "BULB CATALOGUE."

SPINACH

Ger.—Spinat.

(One ounce for 100 feet of drill; 10 to 12 pounds in drills for one acre.)

Scand.—Spinat.

The main crop is sown in September. It is sometimes covered up in exposed places with straw or salt hay during winter, which prevents it from being cut with frosts; but in sheltered fields there is no necessity for covering. For summer use it may be sown at intervals of two or three weeks, from April to August. Spinach is best developed and most tender and succulent when grown in rich soil.



Spinach—Round Thick Leaved

Round Thick Leaved—This variety grows quickly, forming a cluster of slightly wrinkled leaves of deep green color and good quality. The leaves are broad arrow-shaped but sometimes rounded. This is an extensively used medium early sort for the market and home garden. 45 days. Pkt. 5c, oz. 15c, ¼ lb. 30c, lb. 65c, postpaid.

Long Standing—The best variety for family use, as it remains in good condition longer without running to seed than the round leaved sorts. Thick. Well flavored leaves. 45 days. Pkt. 5c, oz. 20c, ¼ lb. 35c, lb. 85c, postpaid.

Bloodsday Savoy Leaved—One of the best of the savoy leaved type, with thick heavily curled leaves. Very succulent and tender. 40 days. Pkt. 5c, oz. 15c, ¼ lb. 30c, lb. 65c, postpaid.

Prickly Winter—One of the hardiest varieties with medium sized broad leaves. Very tender. Pkt. 5c, oz. 15c, ¼ lb. 30c, lb. 60c, postpaid.

New Zealand—(The Hot Weather Spinach)—The stems and leaves of this variety are soft, thick, fleshy and crystalline in appearance. Started early in the spring, the plants will resist heat and make strong growth during the summer. 55 days. Pkt. 10c, oz. 20c, ¼ lb. 45c, lb. \$1.25, postpaid.

King of Denmark—Stands two weeks longer than any other sort. This remarkable new spinach is far superior to any of the other sorts. Its principal advantage is that it stands two weeks longer before running to seed than any other variety. The leaves are large, rounded, Savoy or crumpled of deep green color. Ready to cut in 48 days. Pkt. 5c, oz. 20c, ¼ lb. 35c, lb. 85c, postpaid.

TOBACCO

One ounce will plant an acre.

Grow your own smoking tobacco

Cultural directions—The plants should be started in a hotbed, or in pots or boxes in the house, and transplanted outdoors, three feet apart each way, when danger of frost is past.

Connecticut Seed Leaf—Is the hardiest variety in cultivation. Pkt. 10c, ½ oz. 40c, oz. 75c, postpaid.

THE DUTIES OF SEEDSMEN

The seedsmen's duties do not end with the buying and selling of seeds; he must educate the customer. Probably more than 75 per cent of the errors and disappointments are because of the lack of knowledge on the part of the buyer.

Therefore it is the seedsmen's duty to safeguard the customers against such error by advising them to plant the right seed at the right time under right conditions.

Flower and Vegetable Seed Collections
See Page 72

SQUASH

Ger.—Kurbiss.

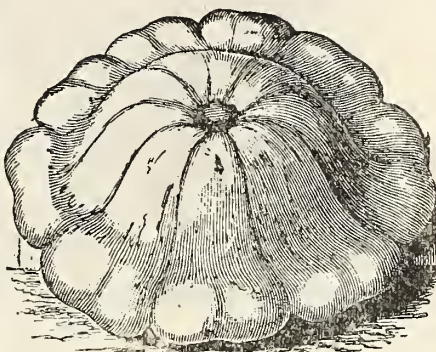
Scand.—Squash-Graeskar.

(One ounce to 25 hills; 3 to 4 lbs. to the acre.)

There are two distinct types. The Summer is cultivated for the tender young fruits which are used in the green or growing stage during the summer months. The winter Squashes produce larger hard-shell fruits, which are gathered in the fall before there is danger of their being injured by frost, and stored in a warm, dry place for winter use. A few of the varieties may be used in either state.

SUMMER VARIETIES

Early White Bush Scallop—The best early, matures in 65 days. The fruit is a beautifully waxy white of superior quality, somewhat flattened, scalloped along the edge and of medium size. It has that lasting delicious sweetness that leaves a hankering for more. 55 days. Pkt. 5c, oz. 20c, ¼ lb. 45c, lb. \$1.25, postpaid.

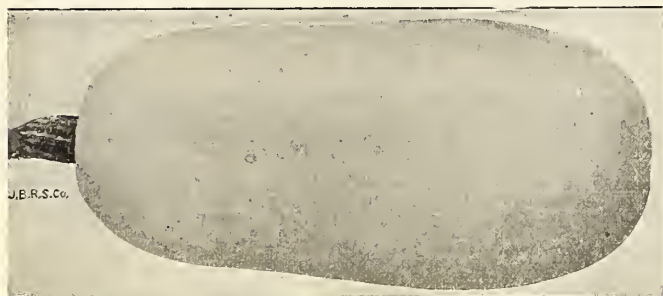


Squash—White Bush Scallop

Stim-U-plant

An all the year fertilizer for garden and house plants.

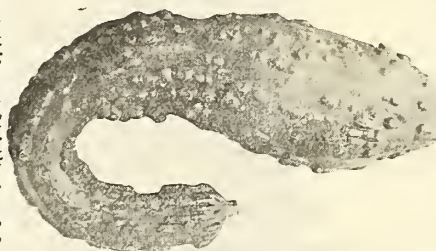
Inoculate this Seed with **FARMOGERM.**



Vegetable Marrow

Vegetable Marrow—The favorite English Long White sort. The fruit is very desirable in size, from 9 to 19 inches in length and from 4 to 6 inches in diameter. Skin white, flesh white, and of rich flavor. This is distinct from all other varieties of squash. 65 days. Pkt. 10c, oz. 25c, ¼ lb. 75c, lb. \$2.00, postpaid.

Early Summer Crookneck—Very early medium sized, about fifteen inches long and matures in 70 days. Flesh has a deep golden yellow color, is dry and of most agreeable flavor. Is the most highly esteemed of all summer varieties. 60 days. Pkt. 5c, oz. 20c, ¼ lb. 45c, lb. \$1.25, postpaid.



Early Summer Crookneck

Winter Squashes are easily stored in a warm dry room. Be sure to leave part of the stem attached to the fruits.

PLANET JR. CULTIVATORS

Cultivate your garden with a Planet Jr. Save time and labor—See Last Pages.

FALL OR WINTER VARIETIES

Red or Golden Hubbard—This is identical in size, form and fruitfulness with the Chicago Warty Hubbard, the chief distinction being that the heavily warted skin is of a rich orange yellow, turning to a deep salmon red when ripened. It is of most attractive appearance, fine quality, and should be one of the most profitable market sorts. 105 days. Pkt. 5c, oz. 20c, ¼ lb. 60c, lb. \$1.75, postpaid.



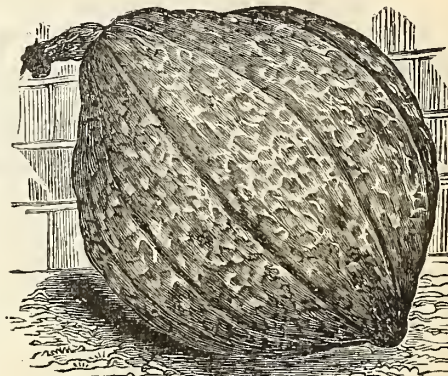
Squash—Improved Hubbard

Improved Hubbard—This old and popular favorite is still one of the very best winter Squashes grown; always richly flavored. The vines are luxuriant growers and very productive, yielding large squashes of dark bluish green color, weighing often 10 to 25 pounds each. Properly stored, it may be kept from September to May. 100 days. Pkt. 5c, oz. 20c, ¼ lb. 60c, lb. \$1.65, postpaid.

Sibley or Pikes Peak—Shell smooth, thin, oval shape, tapering at blossom end, skin dark green, the flesh is thick, solid, deep orange color, very dry, fine grained, with a delicate flavor. Very superior quality. Pkt. 5c, oz. 20c, ¼ lb. 40c, lb. \$1.25, postpaid.

Delicious—This fall and winter Squash is finer-grained and more delicious than the well-known Hubbard. The color of skin is green, with an occasional blue specimen; size about same as Hubbard, weighing from 5 to 10 lbs. The shell is not very thick, but is hard and strong; the flesh is thick and of a bright yellow color, fine grained and of splendid quality. For table use, either as a fall or winter Squash, it cannot be excelled. 110 days. Pkt. 5c, oz. 20c, ¼ lb. 50c, lb. \$1.50, postpaid.

Boston Marrow—Is a very popular squash, very productive fall and winter variety of medium to large size, oval shape, and thin skin. It is much used for canning and making pies. The fruits when ripe are bright orange with a shading of light cream color. The flesh is of rich salmon-yellow color fine grained and of excellent flavor. 100 days. Pkt. 5c, oz. 20c, ¼ lb. 45c, lb. \$1.25, postpaid.



Squash—Boston Marrow

Chicago Warty Hubbard—It is similar in size and quality to the Hubbard. The vines are vigorous and productive, while the large dark olive-green fruits are rather more heavily warted. Very handsome in appearance; an excellent keeper and of splendid quality. 110 days. Pkt. 5c, oz. 20c, ¼ lb. 50c, lb. \$1.50, postpaid.

State Nursery and Seed Co.

June, 1925

Kind Sirs:—Finding that the Cabbage Plants I ordered came in such good condition and were such nice plants I am reordering.

Respectfully, Alice B. Bowers, Challis, Idaho.

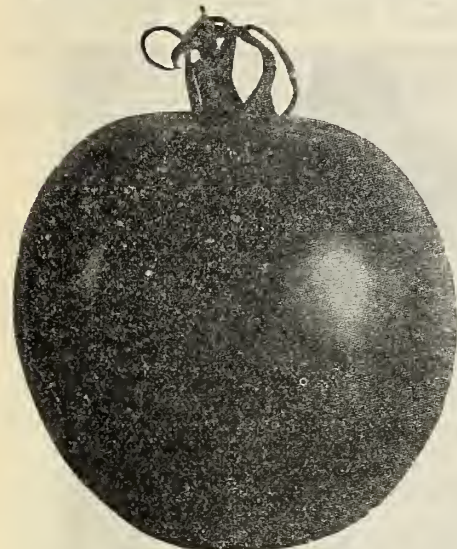
TOMATO

Ger.—Liebesapfel.

Scand.—Tomat.

(One ounce will produce 2000 to 3000 plants.)

CULTURE—Sow early in hotbeds, and as soon as they have four leaves transplant into shallow boxes. Harden off, and set out as soon as danger of frost is past.



Tomato—Spark's Earliana

Avon Early—New, extra early scarlet fruited variety. Produces good sized fruits, round or slightly flattened, deep scarlet in color, smooth, free from cracks and of fine quality. Very productive, as early as Earliana and bearing for a longer time. Avon early is a decided improvement over Earliana. Pkt. 10c, ½ oz. 50c, oz. 80c, ¼ lb. \$2.75.

Market King
Early and prolific. It is one of the finest tomatoes for indoor and outdoor culture ever introduced (matures quickly from seed). The Market King sets freely and is an immense cropper, yielding heavy bunches at short intervals all over the plant. Fruit smooth and of fine quality, medium in size and perfectly round. The color is bright scarlet and produces almost no seed. We question if any other variety would, in a given space, carry so heavy a crop, for this reason it is very valuable for market purposes. Market King has won many awards and prizes. Pkt. 25c, ¼ oz. \$1.50, ½ oz. \$2.75, oz. \$5.00.

Orange Sunrise

Is one of the earliest and most prolific in cultivation, and after exhaustive trials of this new Tomato, leading specialists have stated that, either raw or cooked, Orange Sunrise possesses the finest flavor of any variety yet introduced. It is the result of a cross between the best of the red and yellow varieties, and bears fruit of a beautiful orange color. Possessing all the popular qualities of the smooth rounded form, medium size appearing in large clusters, it is equally suitable for indoor and outdoor culture. We are convinced that all who give the Orange Sunrise Tomato a careful trial will realize its high value and that, notwithstanding popular prejudice in favor of red Tomatoes it will succeed in establishing itself as one of our leading varieties. Pkt. 25c, ¼ oz. \$1.50, ½ oz. \$2.75, oz. \$5.00, postpaid.



Market King

New Alpha Pink—The Earliest Pink Tomato in cultivation—The gardener who has a demand for pink tomatoes, will find Alpha Pink just what he has been looking for. In addition to its extreme earliness, it is much superior to Earliana in table quality, in handsome shape and attractiveness. The plants are of such vigorous growth that the finest fruits are produced, both extra early and until frost. The fruits set in generous clusters and each is of grand flavor. 90 days. Pkt. 10c, ½ oz. 30c, oz. 50c, ¼ lb. \$1.50, lb. \$5.00, postpaid.



Tomato—Avon Early

Bonny Best—An extra fine early variety for the home garden; a few days later than the Earliana. The color is bright red; ripens evenly to the stem. It is a vigorous grower, quite productive and with splendid foliage for protecting fruit from the hot sun. 100 days. Pkt. 5c, ½ oz. 25c, oz. 40c, ¼ lb. \$1.25, lb. \$3.50, postpaid.

Golden Queen—Fruit of good size and very smooth, solid and mild in flavor. Color is a bright yellow. Ripens early and is a prolific bearer. Many consider this yellow tomato to be of a better flavor than any of the red varieties, and it is less acid. 100 days. Pkt. 5c, ½ oz. 20c, oz. 35c, ¼ lb. \$1.00, lb. \$3.00, postpaid.



Tomato—New Alpha Pink

John Baer—The seed of this Tomato was purchased by us from one of the largest growers in the East, who recommended it as one of the earliest of all tomatoes, and our experience with it bears out this recommendation. The fruit is a bright red color of good size, round, smooth, very solid and producing very few seeds. 85 days. Pkt. 10c, ½ oz. 25c, oz. 40c, ¼ lb. \$1.35, lb. \$4.00, postpaid.

IMPORTANT

By supporting the plants less ground space is required, the fruit will ripen better and less will spoil.

NOTICE—Small Fruited Varieties—See Page 98

TOMATO

SMALL FRUITED VARIETIES

For pickling and preserving. Invaluable for garnishing.

Red Pear—
Red Peach—
Red Plum—
Red Cherry—
Red Currant—

Pkt. 10c, ½ oz. 40c, oz. 75c, ¼ lb. \$2.50, postpaid.

Winter Cherry, or Purple Husk Tomato—Makes fine sauce.
Pkt. 10c, ½ oz. 40c, oz. 75c, ¼ lb. \$2.50, postpaid.

Yellow Cherry
Yellow Plum
Yellow Peach
Yellow Pear

Pkt. 10c, ½ oz. 40c, oz. 75c, ¼ lb. \$2.50, postpaid.

Ground Cherry, Strawberry, or Yellow Husk Tomato—Plants of low-spreading growth and immensely productive. The small yellow fruits are each inclosed in a husk. Of very sweet flavor, highly esteemed for preserving or making pies.
Pkt. 10c, ½ oz. 40c, oz. 75c, ¼ lb. \$2.50, postpaid.

TURNIP

Ger.—Steckruebe.

Scand.—Turnips.

One ounce will sow 150 feet of drill; 2 pounds will sow an acre.

Culture—For early use, sow as soon as the ground can be worked in spring, in drills 15 inches apart, and thin to 8 inches apart as soon as plants are large enough to handle. The sowing should be made just before rain, if possible, a rapid growth being important.

For feeding stock in fall and winter there is nothing superior to turnips and rutabagas, as they are much liked by all kinds of stock and serve to keep them in good condition. We cannot too earnestly recommend farmers to increase their sowings largely for we are sure the crop will prove remunerative.

WHITE VARIETIES

White Milan—Extra Early—Very small top, upright and compact; the clear white roots are very smooth, symmetrical and beautiful; there is no better turnip for early bunching; fine grained, tender and sweet. 45 days. Pkt. 5c, oz. 20c, ¼ lb. 45c, lb. \$1.25.

Purple Top Milan—Extra Early—Very similar to the White Milan except that the roots are a little more flat, and the top of the root is purple. 45 days. Pkt. 5c, oz. 20c, ¼ lb. 45c, lb. \$1.25.

Early Snowball—A medium globe shaped variety of pure white. Very solid and of the finest quality for table use.
Pkt. 5c, oz. 20c, ¼ lb. 40c, lb. \$1.15, postpaid.

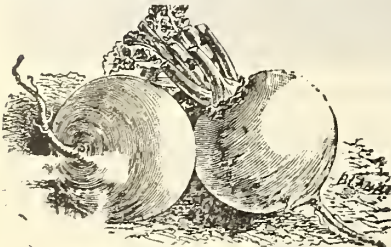


Turnip—Purple Top Strap Leaf

Purple Top Strap Leaf—The most generally planted of any variety. It is a quick grower, the flesh is very fine grained and sweet flavored. The red top of the bulb extends down to where it rests in the soil. 55 days. Pkt. 5c, oz. 20c, ¼ lb. 45c, lb. \$1.00, postpaid.

Purple Top White Globe—Round, globe shaped about six inches in diameter, with smooth, white skin; flesh pure white, firm and crisp, and of quick growth. A good keeper and fine for market. 70 days. Pkt. 5c, oz. 20c, ¼ lb. 45c, lb. \$1.00, postpaid.

White Egg—An old favorite, egg-shaped, perfectly smooth, firm and mild. 50 days. Pkt. 5c, oz. 20c, ¼ lb. 45c, lb. \$1.00, postpaid.



Turnip—Golden Ball

YELLOW VARIETIES

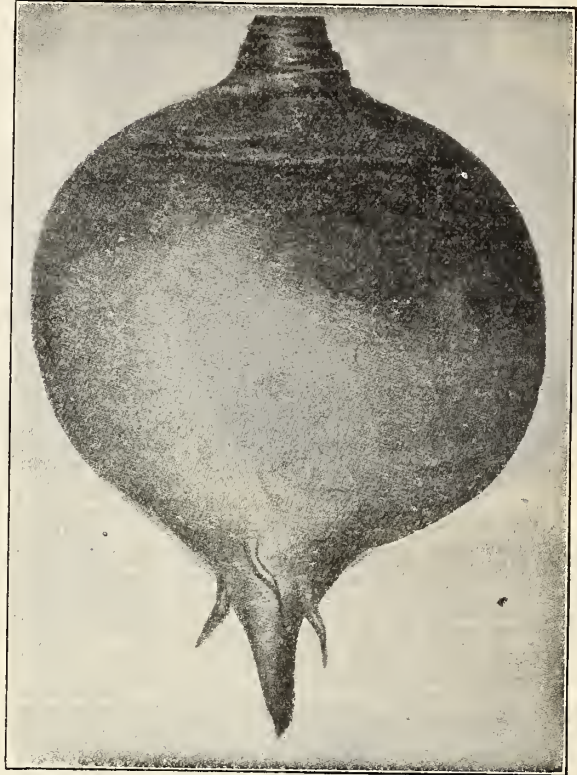
Golden Ball—The most delicate yellow fleshed turnip; of medium size form, hard and of superior flavor. Valued highly as a table variety. 70 days.
Pkt. 5c, oz. 20c, ¼ lb. 45c, lb. \$1.00, postpaid.

RUTABAGA

Russian or Swedish Turnip

These require a longer season in which to grow than do other turnips; the seeds should be sown about the first to the middle of June.

Bangholm—The seed of this variety of Rutabaga is grown in Denmark by "Daehnfeldt," who has been awarded a first class certificate on several occasions by the Danish government for the Best Cropping Rutabagas. An oblong globular shaped root with small neck, yellow flesh, very dark purple top and is superior to all other varieties. 95 days.
Pkt. 5c, oz. 20c, ¼ lb. 35c, lb. 90c, postpaid.



Rutabaga—American Purple Top

American Purple Top—This strain is of American origin and is a purple top yellow variety. Excellent for table use and also for stock feeding. A most desirable variety. 95 days. Pkt. 5c, oz. 20c, ¼ lb. 35c, lb. 90c, postpaid.



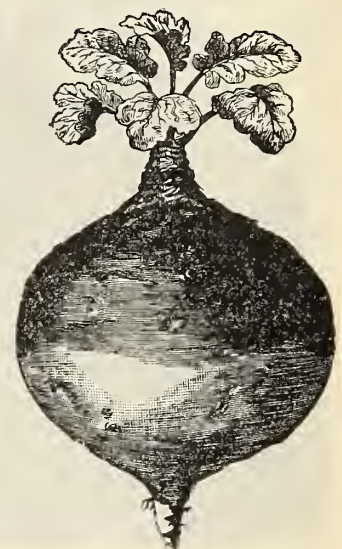
Large White or Sweet Russian

Large White or Sweet Russian—This variety is most excellent either for table or stock. It grows to a large size; flesh white, solid, firm texture, sweet and rich; keeps well. 90 days. Pkt. 5c, oz. 20c, ¼ lb. 45c, lb. \$1.00, postpaid.

Rutabagas are highly nutritious as a table vegetable and profitable as food for stock and fowls.

BIRD SEED—SEE PAGE 120

SWISS CHARD (See page 79)



Rutabaga

Danish Bangholm

State Nursery and Seed Co.'s

Rocky Mountain Lawn Grass Seed

The chief desire of almost every home owner, whether a town or rural dweller, is to possess a good lawn, and nothing adds to the appearance of a residence as much as a good lawn of thick growth and velvety appearance. A nicely kept sward, neatly trimmed, adds materially in beautifying any building or residence, and often too, becomes one of the chief selling features.

Many things enter into the making of a good lawn, but the most important is the selection of satisfactory seed. When you consider the small outlay for seed in comparison with the time and labor essential to obtaining a good lawn, you cannot afford to use anything but the very best.

MONTANA LIFE INSURANCE COMPANY

Helena, Mont., Sept. 12, 1925
State Nursery and Seed Co.
Helena, Mont.

Gentlemen: We take pleasure in handing you, with our compliments, this side view of "the largest building in the northwest, devoted exclusively to the service of Life Insurance."

The well-nigh perfect lawn which your Rocky Mountain Lawn Grass Seed enabled us to secure has furnished just the setting needed to bring out the full beauty of our new Home Office.

The vitality of your Rocky Mountain Lawn Grass Seed is truly surprising. This lawn was planted during the latter part of July, 1924. Notwithstanding that it germinated during the hottest part of the summer, it grew vigorously and formed heavy, even turf before fall, which was a thing not looked for until this season.

You no doubt will be interested in knowing that the roots for the Virginia Creeper vines which ride the wall at the back, were obtained from your nursery, a three short months ago. The picture reveals the remarkable growth they have made.

Cordially yours,
H. R. Cunningham,
Vice-President.

HRC:GMT



One of our Beautiful Lawns—Helena, Montana, grown from our Unsurpassed Rocky Mountain Lawn Grass Seed. Wonderful Lawns like this can be seen in all parts of this section from this Brand of Seed

All the seed contained in our Rocky Mountain Lawn Grass has been cleaned and recleaned by the most up-to-date and efficient machinery, and we have complete records as to their purity and germination.

Our Rocky Mountain Lawn Mixture is the very best that can be procured under any brand, at any price. Price for price, we are willing to place ours against any other mixture on the market, both for purity and germination.

You will find many mixtures advertised at apparently low prices. **Beware of these.**

BUY PURE CLEAN SEED

FREE OF WEEDS

OUR REPUTATION IS BACK OF IT ALL

One quart will sow 200 square feet or 10x20; 10 lbs. for 2,000 square feet, or 40x50; 80 to 100 lbs. per acre or 209x209

LAWN GRASS MIXTURE WITH DUTCH CLOVER—

As there are many people who like clover in a lawn we put up a mixture as above; this mixture has gained us many friends and is increasing in popularity.

Postpaid—Pint 35c, qt., 55c, 5 lbs. \$3.25, 10 lbs. \$6.25.

By express or freight at purchaser's expense—

Pint 30c, qt. 50c, 5 lbs. \$3.00, 10 lbs. \$5.75.

ROCKY MOUNTAIN LAWN GRASS MIXTURE—

Postpaid—Pint 35c, qt. 55c, 5 lbs. \$3.25, 10 lbs. \$6.00.

By express or freight at purchaser's expense—

Pint 30c, qt. 50c, 5 lbs. \$2.75, 10 lbs. \$5.25.

SHADY PLACE LAWN GRASS—

Usually it is quite difficult to obtain a satisfactory growth of grass under trees and in shady places. For sowing in such places we recommend the use of this special mixture. The grasses used in making this special mixture are those that are well adapted for growing in shade.

Postpaid—Pint 40c, qt. 70c, 5 lbs. \$3.75, 10 lbs. \$7.25.

By express or freight at purchaser's expense—

Pint 35c, qt. 60c, 5 lbs. \$3.25, 10 lbs. \$6.75.

KENTUCKY BLUE GRASS—"Peerless" Grade—

We wish to call particular attention to the cleanliness of our Blue grass.

Postpaid—1 lb. 55c, 5 lbs. \$2.75, 10 lbs. \$5.25.

By express or freight at purchaser's expense—

1 lb. 50c, 5 lbs. \$2.50, 10 lbs. \$4.90.

KENTUCKY BLUE GRASS—"Placer" Grade—

Used extensively for lawns and parking streets; also makes excellent pasture or hay.

Postpaid—1 lb. 50c, 5 lbs. \$2.50, 10 lbs. \$4.75.

By express or freight at purchaser's expense—

1 lb. 45c, 5 lbs. \$2.10, 10 lbs. \$4.00.

WHITE DUTCH CLOVER—"Peerless"—

This is frequently sown to cut green for chicks and fowls; also used largely in making lawns for which this variety is especially adapted.

Postpaid—½ lb. 50c, 1 lb. 85c, 5 lbs. \$4.00.

By express or freight at purchaser's expense—

½ lb. 40c, 1 lb. 70c, 5 lbs. \$3.25.



STATE NURSERY AND SEED CO'S. WAREHOUSE

FIELD SEED DEPARTMENT

This picture will help you to appreciate our facilities for handling the large quantities of field seeds which are needed in their seasons. It is equipped with the latest and most up-to-date machinery obtainable for the accurate grading of seeds—all operated by electricity, for the cleaning, recleaning and grading of our seed grains, forage plant seeds and grasses.

We fully intend to maintain the standard of excellence which our firm enjoys and which it has earned by sending out only reputable products.

MONTANA AT THE INTERNATIONAL SHOW

For the first time in the history of Montana, recognition at the International Competitive Show has been gained. What better advertising can Montana have than thru the exhibit of Agricultural Products? Montana won 105 premiums in National and International competition. Eight of twelve first places were won on small grains by this great Treasure State and four out of six International Championships came to Montana. The first eight places won were in hard spring red wheat, hard red winter wheat, durum wheat, white oats, early oats, six row barley, two row barley, and trebi barley.

Farmers and seed users generally, should not lose sight of the fact that when they buy from us, they are getting practically all *Montana grown seeds—seeds that have matured under our climatic conditions and which will ripen and mature earlier and with a greater possibility of success*, than seeds which have matured in a locality which has a much longer growing period.

Here also is located the machinery for grinding and mixing the enormous quantities of our Poultry and Dairy Feeds, the demand for which has grown far beyond our expectations.

Our entire plant, in all departments, is in charge of experts in their various lines and we place their experience and knowledge at the service of our customers.

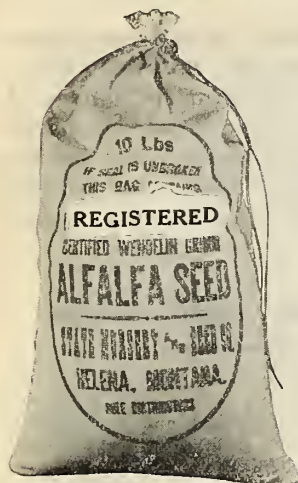
Visitors are always welcome, either at NURSERY—WAREHOUSE or OUR CITY STORE.

ALFALFA SEED (Our Specialty)

For Best Results

Inoculate this
Seed with
FARMOGERM.

REGISTERED GRIMM ALFALFA



Grimm Alfalfa as it is generally called, was first grown by Wendelin Grimm, Carver County, Minnesota. The wonderful advance made by this type over the ordinary Alfalfa led to its being subjected to the most severe tests by the Agricultural Colleges and others. Our Registered Grimm has been grown under the supervision of the Montana State College and Montana Seed Growers' Association for years, and is harvested, threshed and sealed under the care of their representative.

True Grimm Alfalfa has been so well advertised and described that any attempt at further praise would be superfluous. In every respect it has proved itself a most wonderful variety or type, and its reputation has been so well established that the true registered and sealed seed always commands a high price. Our stock of Grimm is the best that can be procured at any price, grown from the original stock, fully registered, inspected, tested and sealed under the most stringent regulations to protect consumer.

FREE—Pamphlet on Registered Grimm for the asking.

We have discontinued the offering of so-called Certified or Affidavit Grimm as this seed is not eligible for registration nor can seed from it be registered by the Montana Seed Growers' Association. If you ever intend to raise Grimm for seed play safe and buy only registered stock.

Montana Grown

PEDIGREED GRIMM ALFALFA SEED

Traced to original foundation stocks of Carver County, Minnesota fields.

Produced by dependable growers, members M. S. G. A.

Fields inspected for purity and trueness of type.

Seed tested and graded.

Bags sealed by Montana Seed Growers' Association.

Tagged with official grade tags.

LOOK FOR THE SEAL AND TAG ON EVERY BAG

Montana Grown

PEDIGREED GRIMM ALFALFA SEED

Classified and sold in three grades

Grade No. 1 (Blue tag) Top quality. Sound plump seed, purity at least 99.5, no sweet clover or dodder.

Grade No. 2 (Red tag). Sound seed, purity at least 99.0, no sweet clover or dodder.

Not Graded (Yellow tag). Certified as to variety only, but not graded as No. 1 or 2. No dodder. May have sweet clover in amount shown on tag. Purity as indicated on tag.

For Best Results

Inoculate this
Seed with
FARMOGERM.

COSSACK ALFALFA (Registered Stock)

Prof. Hansen's Introduction

For Best Results

INOCULATE THIS
SEED WITH
FARMOGERM

"The strongest and best one of the hybrid alfalfas is the one I have named Cossack noted in bulletins 159 and 167. The Chemo Alfa, sister plant of the Cossack, has been consolidated with the Cossack as it is not possible to distinguish between them. The small spoonful of seed which I brought home from Russia in 1906 and named Cossack has been developed in the hands of many farmers so that the 1916 crop in the western part of South Dakota was fully One Thousand Bushels. In 1917 the crop of seed was reduced by crickets and grasshoppers. Many farmers have found by their own experience that Cossack is the heaviest and best seeder of any alfalfa they have ever tested. The dry season demonstrated the value of Cossack. Very favorable reports of the Cossack come from many sections, including the far northwest prairie region of Saskatchewan, Canada. We have only a small stock of Cossack seed available for the special experimenters who wish to get their start from good registered stock.

Montana Grown

PEDIGREED COSSACK ALFALFA SEED

Traced to original foundation stocks of Prof. Hansen's importations.

Produced by dependable growers, members M. S. G. A.

Fields inspected for purity and trueness of type.

Seed tested and graded.

Bags sealed by Montana Seed Growers' Association.

Tagged with official grade tags.

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Grade No. 2 (Red tag). Sound seed, purity at least 99.0, no sweet clover or dodder.

Not Graded (Yellow tag). Certified as to variety only, but not graded as No. 1 or 2. No dodder. May have sweet clover in amount shown on tag. Purity as indicated on tag.

With reference to the 3rd grade of either Grimm or Cossack please understand that this is grown from pedigreed stock but having Sweet Clover present, possibly 1%, would not be eligible for registry unless the Sweet Clover was eliminated in the field, but for the farmer who intends growing for hay only and who desires Grimm or Cossack he can, by using this, secure his seed at a lower price. One large lot of fine seed which would carry second grade will be sold by us this season with county agents' affidavit as grade three for simple reason that grower failed to register his field for seed crop.



Showing Grimm and Tap Root Varieties Alfalfa

Rothiemay, Mont.

Oct. 1925.

Dear Sirs:—Your seeds, etc., did splendidly this year, in fact they **always** do well. I have now been using your seeds for more than 8 years.

Yours truly,
Mrs. Levi Brewington.

FOR PRICES

SEE PAGE 112



Field of Alfalfa—(Nursery Trial Grounds)

Montana Hardy "Selected" Alfalfa

The Montana Hardy Alfalfa Seed listed below is in our estimation second to none for hardiness, being grown on old fields of the State where only the hardiest can endure the extreme conditions prevailing there.

Montana Hardy Alfalfa Seed is today acknowledged to be without a peer. Experiment Stations of several State Agricultural Colleges, bear out in every case the final superiority of Montana Seed, for hardiness, vitality and productiveness. Located as we are, in the heart of the Rockies, we have facilities for the selection and acquisition of the highest grades of Alfalfa for the northwestern country that are not equaled by any other house, and our customers may rely on the assertion that seed secured from us is of the hardiest and best obtainable quality in the grade in which we class it.

MONTANA HARDY ALFALFA

"Peerless Grade"

Best on earth, in 50 lb. or 100 lb. Sealed Bags. The seed is large and of high germination, with a purity test of 99 or better. Our seed is obtained in those sections where plants have endured the extreme cold of winter and thrive at high altitudes. Our experience of many years has demonstrated the superiority of this seed under adverse climatic conditions throughout the entire Northwest. There is no better seed grown.

MONTANA HARDY ALFALFA

"Placer Grade"

Experiments of many agricultural stations have established without a doubt the superior hardiness of Montana grown Alfalfa seed over that produced elsewhere. This grade is selected from among the best that grows, and is second only to our "Peerless", with a purity test of 98 or better. Samples cheerfully sent to intending purchasers; when writing for samples, please state what quantity you expect to use, so that we may quote you the best possible price on the quantity you need.

Your success or failure depends largely:

1. Upon the responsibility of the seed house from whom you buy and the quality they sell.

2. Our aim is to secure permanent customers, which can only be accomplished by satisfying your expectations in every possible manner, service and quality count.

3. "We are no farther away than your mail box."



MONTANA HARDY ALFALFA

"Quartz Grade"

An excellent grade of seed, but on account of unfavorable weather it has some discolored seed and therefore is not bright enough in color for the higher grades. This seed is well above the standard for both purity and germination. Write for samples stating quantity you can use.

WHY PAY FOR WEED SEEDS?

If farmers would visit the cleaning plants installed in the seed houses and see for themselves the amount of weeds and trash that is taken out of the cleanest of country run stocks they would realize how very necessary is the seedsmen. They would perforce be compelled to admit that seed houses are the best protection the farmer has against the introduction of impure seed onto his farm. Probably more impure, weed infested, infertile seed is distributed every year by the well intentioned but extremely dangerous direct from the farm purchase of seed than by any other way.

The purchaser of this kind of seed should remember he is paying just as much for the few pounds of impurities he buys with every bushel of seed as for the good seed. In addition he is paying a long price for seed that may mean years of grief due to the introduction of buckhorn, dodder, thistle and other weeds to his otherwise well-kept farm. Nothing will lower the value of a farm quicker in the eyes of a prospective purchaser than the existence of noxious weeds.



NEVER PLANT CLOVERS, ALFALFA, VETCHES, OR ANY OTHER LEGUME WITHOUT INOCULATING WITH FARMOGERM. IF YOU DESIRE A BIG STAND AND THE BEST FERTILIZING VALUE AT THE LOWEST COST. IT IS AS IMPORTANT TO DO THIS AS IT IS TO SEE THAT YOUR SOIL IS SWEET AND IN PERFECT CONDITION.

FOR PRICES SEE PAGE 112

Gold Medal Awarded State Nursery and Seed Co., for Montana Hardy Alfalfa Seed at the Panama-Pacific Exposition, San Francisco, Cal.

Inoculate this
Seed with
FARMOGERM.

CLOVERS

Inoculate this
Seed with
FARMOGERM.



Clover—Medium Red

Medium Red—Looking to the future, no time should be lost in introducing the bacilli of the Red and Alfalfa Clovers. The use of nitro cultures may tend to hasten their establishment, but nature's way, and the best way, is to use a small quantity of seed, say a pound or two of Red and Alfalfa Clover to the acre with whatever crop you are seeding. After a little you have a prized bacilli in your land, then you may safely call your farm doubled in value from a producing standpoint. Red Clover is regarded as the most important of the whole genus for practical agriculture; valuable not only for forage but also a fertilizer for the soil. Long, powerful tap-roots, which in decaying add largely to that black mass of matter we call soil.

Mammoth Red—This variety of clover matures about two weeks later than the ordinary red clover, and will produce a heavier yield per acre than any other variety. It is also better adapted to poor sandy soil than other sorts. Alsike included. On account of its vigorous heavy growth, it should be cut for hay before the bloom fully matures, otherwise the heavy growth will have a tendency to become woody. It is by far the best variety known where clover is desired for a hog pasture.

Alsike or Swedish—Suitable for Cold, Wet Land. Alsike Clover thrives on almost any kind of soil, but is especially useful on land that is too wet and cold for Red Clover. It makes a good quality of hay, and may be sown with timothy, as it matures at the same time. It is also good in pasture mixtures for wet land. Six to eight pounds of seed is sufficient for an acre.

White Dutch—Excellent for pasture and when mixed with Kentucky Blue Grass, makes the finest and most nutritious food for sheep and cows, used universally for lawns in the Northern section of the United States. Sow 5 to 8 pounds to the acre alone for pasture; for lawn, 1 lb. to 400 square feet.



Clover—Alsike



A Field of Sweet Clover

Sweet Clover prevents erosion. Will grow under conditions where clover and alfalfa fail; (a) on low, wet, alkali and acid soils; (b) on hard, compact soils; (c) on poor soil, especially where there is lime. Last and best of all, it is the Dry Land Farmers' Salvation, furnishing him with green manure so necessary and so hard to apply except through the plowing under process.

WHITE BLOSSOM SWEET CLOVER (Biennial)

Sweet White Blossom "Peerless"—Thoroughly cleaned, brightest color seed of the highest grade, its purity being 99% or better. None better anywhere at any price. Samples with quotations on any quantity cheerfully furnished.

Sweet White Blossom "Placer"—Second only to our Peerless grade and running 98% pure or better.

Sweet White Blossom "Quartz"—This grade will run 90% or better purity and contains some unhulled seed.

YELLOW BLOSSOM SWEET CLOVER (Biennial)

Sweet Yellow Blossom "Peerless"—The growth of the plant is somewhat different. It has a more spreading habit of growth. Its production in hay is not equal to the White Blossom but is preferred by some for Pasture on account of its recovery in growth when closely pastured. Most of our demand for yellow comes from dairymen who seem to have a preference for the variety, claiming they can get more pasturage.

Sweet Yellow Blossom "Placer"—A good grade of seed, but containing some unhulled seed.

ARCTIC NEW WHITE—SWEET (Biennial)

Registered Stock

Introduced by the University of Saskatchewan and has proven itself to be well adapted to Montana conditions and is recognized as a standard variety by the Montana Seed Growers Association. In growth it is shorter and finer than ordinary White Blossom and is ready to cut earlier. It will also produce good yields of seed. When six sheep per acre can be pastured on Spring seeding from early June till late October it is quite evident that Sweet Clover will be used extensively by sheepmen.



Clover—Mammoth Red

BLUE GRASS

Kentucky Blue Grass is a true perennial, lasting indefinitely. Its densely creeping root stocks, spreading habit, even growth, fine texture and rich green color renders it one of the finest grasses for lawns and pastures. It starts very early in spring, and under irrigation will furnish excellent pasture all season. Our seed is carefully re-cleaned, and is the best seed obtainable. For pasture it is mixed with other grasses.



Blue Grass (Kentucky)

MEADOW FESCUE

Also known as English Blue Grass. Produces a large amount of feed of good quality all through the season. Is one of the earliest of spring grasses and persists latest. Does not freeze out or winter kill. Very desirable for use in meadow and pasture mixtures. Live stock relish it highly.

Tall Fescue—Succeeds best in moist alluvial and strong clayey soils; is very productive and lasting; valuable for permanent pasture, is relished by stock and on rich land makes fine hay. Height 3 to 4 feet.



Meadow Fescue

SLENDER WHEAT GRASS

Or Western Rye Grass—This is a valuable native grass, very hardy and makes good hay. Much valued for crop rotation. Seed about 20 lbs. to the acre, and do not cover too deeply. Some growers advise the mixture of Red Clover with this grass and for hay this assures easier handling in harvesting. It has proven a valuable crop in Montana and also in North-western Canada. This is frequently called Blue Joint by farmers, and resembles it somewhat.

RED TOP

A valuable grass for moist soils. It will flourish on wet undrained soil, especially acid soil. Especially valuable for pasture and mixtures. Redtop is a very valuable grass to grow with Timothy and Clover, especially Alsike and Timothy. It fills the lower part of the swath and fills the bottom thereby increasing tonnage and forming thick heavy sod. When you have trouble getting a stand of grass, you should certainly try Red Top. It will succeed where others fail.

RYE GRASS

English Rye Grass—This grass was the first grass grown under domestication. Its seed was the first to be placed upon the market as a seed of distinct variety. This grass is a very important crop in Europe and forms the base of the pasture mixture of some of the finest meadows in the land. It seems to be especially adapted to pasturing and will stand a great amount of close cropping and trampling. It will grow upon any soil, and for use in the permanent pasture mixture should be found very valuable. Sow about twenty-four pounds of seed per acre.



Rye Grass—(Perennial)

ORCHARD GRASS

One of our most useful grasses. Though it looks coarse, it is one of the earliest, most productive, nutritious and valuable of the cultivated grasses. It comes very early in spring, furnishing pasture earlier than other grasses. It makes good hay if cut as soon as in bloom. It is especially valuable, mixed with other grasses and clovers, for pastures and for sowing on logged-off land. It thrives in a great variety of soils and as its roots penetrate to a considerable depth, it withstands drought better than most other grasses on light, dry soils. Being a bunch grass, it is best mixed with other grasses. When used alone, sow twenty-five to forty pounds per acre.



Orchard Grass

TALL MEADOW OAT GRASS

This grass is particularly adapted to warm, dry climates, where Timothy will not grow. It is quite productive, stands pasturing well and remains green until quite late. It forms a very valuable mixture with Orchard Grass and Red Clover. It may be sown in the spring at the rate of two to two and a half bushels per acre, or where sown with Orchard Grass and Red Clover blended proportionately.



Timothy

TIMOTHY

As a crop for hay, Timothy is probably unsurpassed by any other grass. It is greatly relished by all kinds of stock, especially horses. It yields more nutritive matter than any other grass or forage plant. It is well adapted to early spring grazing, as it starts up quickly in the spring and in favorable weather can be pastured in the autumn as well. The largest crops of hay are raised on rich land. It is not suited for light, sandy soil as well as some other grasses.

Timothy is the standard grass for hay in all parts of the country, and although there may be other grasses equally as good or better for home use, it is demanded by the markets, and brings the highest price. The seed is sown at the rate of ten to fifteen pounds per acre.

SAVE VALUABLE SEED—It is like throwing money away to sow more seed than is necessary. Uneven seeding is just as wasteful. **With the Cyclone Broadcast Seeder** you can sow any kind of seed perfectly even over the ground at the rate of fifty acres per day and any desired amount per acre. It will pay for itself in the saving of seed in a few hours' work. **See Price on Page 131.**

ALSIKE CLOVER AND TIMOTHY-MIXED

Where Alsike Clover and Timothy are grown together, and the seed is saved therefrom, it is impossible in cleaning to make a complete separation of the two. On this account we purchase the seed for less money and we can sell it for less money than would be the case if a perfect separation could be made. Those desiring to sow Alsike and Timothy together can save considerable money by buying the seed of these two varieties together as originally harvested. This makes a splendid mixture for hay or pasture, with just enough Alsike Clover to make splendid hay for horses or dairy cows, carrying about 20 per cent of clover.

BROME GRASS

A wonderful drouth resister. A grass for the stock raiser. All cattle like it. Will drive out Russian Thistle, also Black Mustard. Drouth defying, frost resisting. Yields enormous crops of splendid hay and affords early and abundant pasturage. We have seen some very fine crops of Brome Grass and Alfalfa mixed, which makes an excellent hay for horses and cattle. Try it. These both mature and cure at the same time. Our peerless grade of this magnificent grass is unequalled for purity and high germination, and less seed is required to the acre than any other grade. From good seed, good crops grow.

Brome Grass is the chief pasture grass for many sections as it provides early pasturage, withstanding drouth and cold and forms a dense sod, very valuable where soil drifting is experienced.

There has been a decidedly increased demand during the past 2 or 3 years for pasture grasses and grasses to be used for the purpose of thickening up natural meadow lands. This is a move to be desired and encouraged. In many instances it will enable owners of extensive pasture land to care for their bands of sheep much more economically and increase the weight of fleeces at the same time eliminating losses, where land is fenced.

The introduction of beardless (also called smooth, Hungarian, and awnless) brome-grass (*Bromus Inermis*) into the arid and semi-arid regions of the West and Northwest has given the people of those states a pasture and meadow grass of great promise. It has already been proved that it will succeed under conditions that prove fatal to timothy, orchard grass, or alfalfa. The area planted is constantly increasing and the demand promises to be greater this spring than ever before.



SUDAN GRASS

Sow 10 lbs. per acre

The Greatest of All Forage, Grain and Hay Crops for Silo.

Sudan may be planted in cultivated rows, or close drills, or sown broadcast, but we recommend the last-named, using 25 to 30 lbs. of seed to the acre.

It is an annual and requires replanting each year; has no root stalks (as Johnson grass) and dies with the first frosts in the fall, is closely related to the sorghums (milo, maize, kaffir corn, etc.) but yields far more abundantly than any of these and the hay has more fattening properties. The Government, in fact, estimates that its feeding value is only 3 per cent less than alfalfa, and much greater than timothy or any of the common hays, while stock of all kinds eat it in preference to even alfalfa. **THERE IS NO OTHER FORAGE CROP KNOWN THAT WILL RESIST DROUTHS LIKE SUDAN** and it is therefore particularly adapted to semi-arid regions, yet it yields IMMENSE crops under irrigation and in rainy climates. In brief, Sudan solves the hay and pasture problem for a very large section of the United States.

Many are the favorable comments we have had on Sudan grass to dry seasons, many farmers declaring they will increase their acreage the coming years on account of its ability to stand up under unfavorable conditions. We are therefore making special efforts to have a good supply of high grade Montana grown seed.

The yields vary from one to eight tons of cured hay per acre. Hay crops should be harvested before the formation of any seed and should be cured sufficiently not to mold when baled.

FOR PRICES SEE PAGE 112



Sudan Grass



Alkali Grass in Shock—Cut with Binder

Have a Crop on Your Alkali Land

Sow Zawadke Alkali Grass

"Preparation of the Land," by John Zawadke

The land should be leveled, so that in the thawing or hard rains that more or less liquify alkali soils it will not run. When the surface soil moves in that way germination of the seed then in the ground is stopped and the plants fail. To re-seed without leveling will be but to repeat the failure. When the land is leveled it should be plowed and harrowed much the same as any other land. This Zawadke alkali grass seed should be planted 2 to 2½ lbs. to the acre. For pasture 3 lbs. may be better. It should be planted early in the fall or early in the spring so that it can form its roots before the land gets too dry.

The seeds seem to find their way a proper distance into the ground without covering, and my experience is that when I covered the seed were too deep and failed. It is better to keep stock off for a year or more so that the ground will not be tramped while the plant root is forming. This is especially important in the spring when the ground is very soft.

Manure on the surface seems to help at any time, and it may be disked, but I have found the best results by leaving it on the surface. Straw goes well as a surface dressing on alkali soils for this kind of grass. A heavy coat of straw is found to be very good on those patches where the alkali forms a white crust on the surface and the lye is so strong that it seems no plant can stand it. On these extra strong patches I have put on the straw and cut it with a disc and then give it the seed. This of course, after I had the land as level as I could get it. The surface should always be packed firmly before the seed is put in.

If it is not feasible to level the land, a covering of straw or manure will generally keep it from "flowing" when very wet. I have found it very satisfactory to sow the seed on such places and then cover the surface with straw or hay.

When these instructions are followed this grass will grow, and produce a large crop on either white or black alkali. It will make a fair crop the first year and a full crop the second year, and stand more summer drouth than any grass I have ever seen. The third year will be still better than the second.

Price 1 lb. \$2.00, 5 lbs. \$9.50, postpaid.

Permanent Pasture and Meadow Mixture

Though many farmers so rotate their crops that permanency is not of great consideration, there are always locations that must remain permanent meadows. It is a known fact that failure is practically impossible when a mixture of grasses is sown. These mixtures are composed of grasses that give a succession of rich pasturage from early Spring to late Fall.

The following mixture has proven to be well adapted to Montana soil and conditions:

4 lbs. Brome Grass.
4 lbs. Orchard Grass.
3 lbs. Timothy.
3 lbs. Kentucky Blue Grass.

3 lbs. Clover, Medium Red.
3 lbs. Alfalfa.
2 lbs. Clover, Alsike.
2 lbs. Tall Meadow Oat Grass.

24 lbs. will sow 1 acre. Write for Price on quantity needed.

Hints on Sowing—Carefully prepare land. Pains taken before sowing will be amply repaid. Select a clear, calm day for sowing. Scatter the seed across the field in both directions to secure a more even distribution. If seed is sown in the Spring it should be done early while the land is cool and moist. If in the Fall, as far in advance of frost as practicable. Remember that Clover seed is much heavier than other kinds of grass seed and will settle to the bottom in any mixture. If not carefully remixed before sowing it will be patchy.

To meet the demands for grass seed which will produce a meadow or pasture that will furnish the greatest amount of forage and at the same time produce a crop that will make a continuous growth throughout the season and meet various conditions of soil, climate, etc., we are offering you our special pasture mixtures which will fulfill these requirements. Some grasses are particularly adapted to wet low grounds, where there is plenty of moisture, others to dry cool climate of high altitude. To meet the requirements for pasture and meadow mixtures, adapted to different conditions, we are offering you our Peerless Mixtures which are the result of many years experience in handling pastures and meadows which have proven conclusively that a mixture of grass makes a better meadow and produces a better permanent pasture than the growing of one crop exclusively.

OUR PEERLESS MIXTURES FOR PERMANENT MEADOWS

This mixture has been formulated with the idea in view of producing the greatest tonnage of palatable, nutritious, high grade hay upon a particular kind of soil and under certain climatic conditions. Those grasses have been selected which will produce the most vigorous growth in the shortest time and produce hay of superior quality. Grasses are selected which will ripen at the same time so that a uniform cutting can be secured.

By producing a blend which will meet these different requirements, we believe we are offering you one of the greatest crops which can be grown, for we do not believe that any one crop will produce the well-balanced results year after year, as will our Permanent Meadow Mixture, for the longer it stands the better it gets, and it will come through extremes of weather conditions which would prove disastrous to most crops that are grown alone.

No farm can afford to be without the permanent meadow. It is the advance guard of intensive farming and as our farms increase in value, we must grow these crops which will give us the maximum production.

Annual or Summer Pastures

"An excellent plan in providing against shortage of pastures is to grow each year some of the supplementary crops, such as rye, millet, peas, rape, or sorghum, to be used during the dry season. An excellent annual pasture can be made by seeding together in spring 1½ bushels of oats, thirty pounds of sorghum and ten pounds of mammoth or common red clover. The oats are ready for pasture in late spring and early summer, the sorghum comes on at its best in the hot midsummer, while the clover gives some fall pasture."

COMPOSITION OF OUR PEERLESS MIXTURES

Nothing but first-class seed is used in the making of our Mixtures, all of which has been carefully re-cleaned and is of a high grade which should give the best returns. Our recommendations for quantity to seed per acre is fixed on the basis of a good fair seeding, and can be varied to suit the needs of each particular case.

MILLETS

(18 to 24 lbs. per acre broadcast.)



The most striking feature of White Wonder Millet is the size of the heads. This illustration shows one-half size of one of the heads and many will be even larger. The heads will run from eight up to eighteen inches and a single head will have as many as 15,000 seeds.

The yield of White Wonder Millet is extremely heavy. Some growers of White Wonder Millet claim that it will outyield other millets three to one.

Another very desirable feature of White Wonder Millet is its earliness. This variety is much earlier than Golden Millet, but not quite as early as the Siberian variety.

The foliage is very heavy, the leaves broad, and therefore it produces an immense amount of excellent fodder which cures very rapidly.

We believe that on account of the earliness the immense yield of both grain and fodder, and the very vigorous growth which leaves the ground clean, White Wonder Millet will soon take first place among the millets.

GOLDEN OR GERMAN—In the north Millet is sown almost altogether for hay and for that purpose southern grown seed is much the best. It grows taller than does that from northern seed, and that means more hay. It is finer than that from the northern seed, and that means better hay. Millet seed produced in the north, even from southern seed, becomes what we call Common Millet. Not only does the plant change in character becoming coarser and much more dwarf, but the seed itself shows a change and is readily distinguished by those experienced in handling it.

SIBERIAN OR KURSK MILLET—This variety was first introduced into the United States from Kursk, Russia, in 1898. Extensive experiments were conducted at both the South Dakota trial stations which demonstrated the superiority of this new variety. As both a hay and seed producer it ranks very high. In dry seasons the weight and quality of the hay has been far ahead of Golden or Hungarian Millet. In favorable years the difference has not been so great but the results have always been in favor of the Kursk Millet.

HUNGARIAN—(Dark Seed)—Often called Hungarian Grass. Many regard this as being better even than Golden Millet as it is about one week earlier and requires less moisture. The hay is fine and of excellent feeding value.

It is especially valuable on account of requiring such a short season to make a fine crop of most excellent hay. For this reason it is much used as a catch crop. It can be sown as late as the 4th of July with good results.

HOG OR BROOM CORN—This is grown for the same purpose for which other Millets are sown, but makes inferior hay unless cut very young. It yields enormously of seed, even 60 to 70 bushels to the acre, and this seed is very advantageously used for fattening swine and other stock, and is of special value for this purpose in sections where corn cannot be safely or cheaply grown. Seed also makes very fine feed for poultry or young chicks.

JAPANESE—"Billion Dollar Grass"—Entirely distinct from all other Millets. It grows from 6 to 9 feet high, stands up remarkably and yields enormous crops. When cured it makes good hay and in quality is superior to corn fodder. It is relished by all kinds of stock. Sow 10 lbs. in drills; 15 lbs. broadcast to the acre.

Japanese Millet makes an ideal growth on drained lake beds, peat bogs and wet lands where other crops would fail to grow. It may be seeded where clover or other grasses have been partially killed out from various causes and make a bumper crop of feed rather than weeds. Sow it with Dwarf Essex Rape about the barnyards for pastures for the pigs, calves and sheep. Seeded thickly it makes good pastures for all kinds of stock when most needed during the fall.

Inoculate this
Seed with
FARMOGERM.

SOY OR SOJA BEANS

Valuable for silage, hay, for hogging off and as a soil improver. They resemble the navy bean in appearance but grow considerably taller. When planted with corn for silage the total yield per acre is increased and the feeding value of the silage improved. For hay they are valuable as an emergency leguminous crop where clover has been winter killed; equal to clover in feeding value and one of the best annual clover substitutes. Like clover they gather nitrogen from the air.

For hay, plant 60 to 90 lbs. per acre in rows 20 to 36 inches apart. Harvest when pods are well filled and leaves commence to turn. Allow to wilt in swath then rake up and place in small cocks. Curing sometimes requires several days and should be thorough. Soy Beans drop their leaves quite easily and should be cut before any number have fallen. They should be handled as little as possible to retain the most leaves.

For hogging off, plant 30 to 60 lbs. per acre in rows 20 to 42 inches apart. 20 inch rows can be made by straddling every other row with the corn planter. As soon as the beans are mature turn in the hogs to harvest the crop.

VARIETIES

Wisconsin or Early Black Soy Beans—Be sure to get the genuine extra early variety. They grow from 18-30 inches high and mature in 65 to 70 days. They are one of the best yielders of beans and best suited for hogging down.

The Manchu—is a good yielder and hence is popular with the farmers. The yield runs around 20 bushels to the acre and the oil content is from 18 to 24 per cent. In habit of growth the Manchu is low branching.

Ito San—is earlier than Manchu with a good growth, but with somewhat lower oil content. In general it is a good yielder and one of the best early beans. The yields of Ito San are about 15 bushels of seed per acre and the oil content runs from 15 to 17 per cent.

INOCULATE THIS
SEED WITH
FARMOGERM

FIELD BEANS

Great Northern Navy—This variety seems to be especially adapted to Montana soil and climate, and is being grown in increasing quantity each season. In our opinion it leads all other varieties of Navy Beans—when the real test comes—at the table. Its flavor and tenderness as a baked bean are "par-excellence." Sow 16 to 24 lbs. to the acre.

Do you know that the bean has come into its own and that beans have come to occupy a very prominent place among the crops of the diversified farmer.

Are you aware that the bean hay is very nutritious and in fact is so rich that it cannot be fed as a straight feed. It brings a higher price per ton than alfalfa and a ton of bean hay is said to equal in value for feeding purposes one and a half tons of alfalfa.

The bean is a product that can be successfully grown on non-irrigated lands. For the farmer living at great distances from the market it should supplant wheat to a large extent.

The Great Northern bean sells for top price and is in great demand. Try a few this year and you will find that Montana has added another crop well worth growing.

May, 1925

State Nursery and Seed Co.
Helena, Mont.

Gentlemen:—Please send me a further supply of Inoculation for Alfalfa.

I inoculated some Alfalfa two years ago. I seeded twelve pounds per acre of your Montana Quartz, cut two good crops of hay last year and I believe I have the best stand in this valley today.

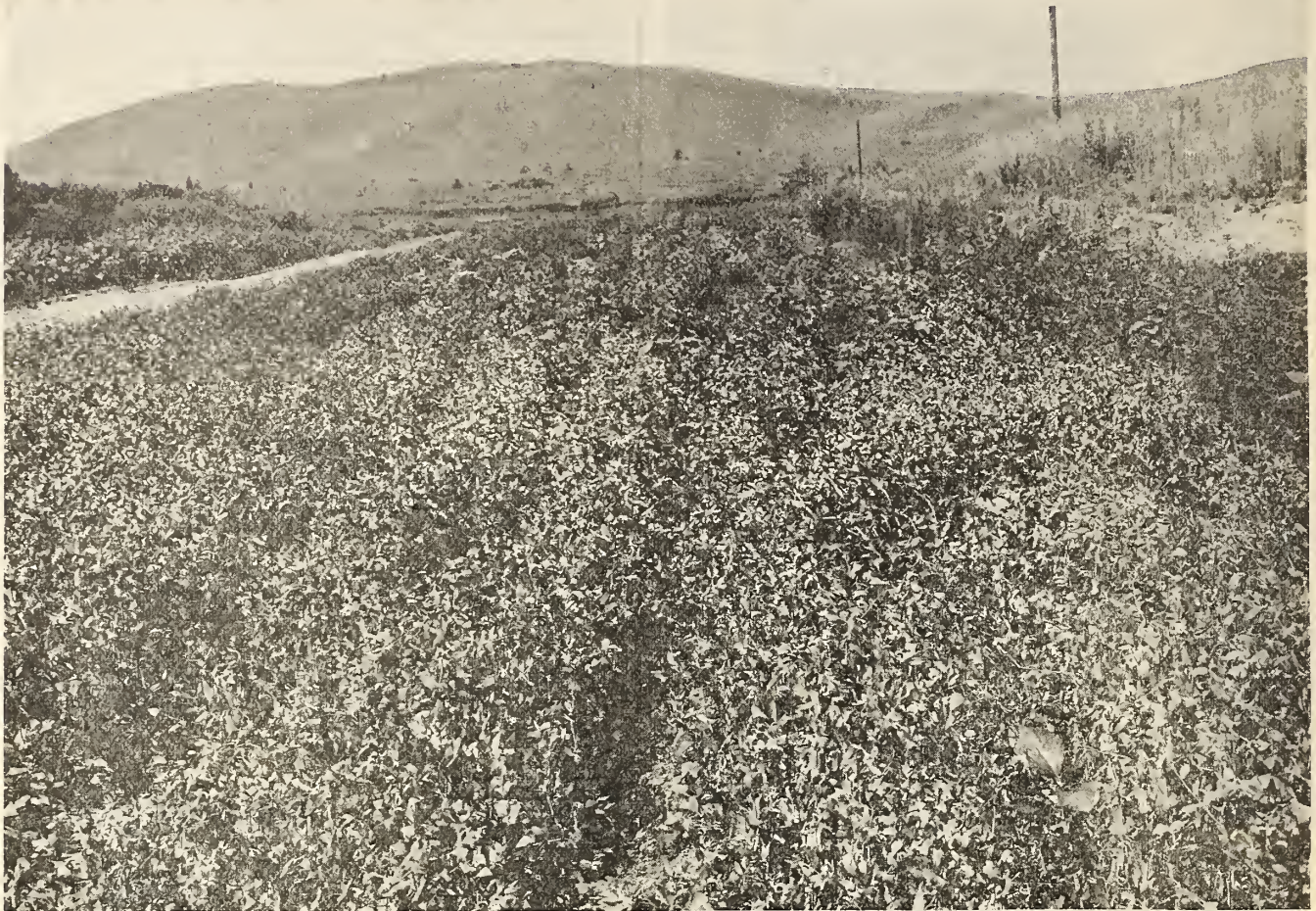
Very truly yours,
C. J. CLARK, Townsend, Mont.

FOR PRICES SEE PAGE 112

INOCULATE THIS
SEED WITH
FARMOGERM

FIELD PEAS

INOCULATE THIS
SEED WITH
FARMOGERM



Canada Field Peas in Our Trial Grounds

(60 to 75 lbs. per Acre in Drills; 75 to 120 lbs. Broadcast)

Peas are second only to clover in their soil-enriching properties and can be grown under any conditions of soil or climate. There is always a ready market for peas, or they can be profitably ground and fed to stock. The vines make rich, nutritious hay. If fed to milch cows, when in a green state, pods, vines and all, the flow of milk will be almost doubled. Peas are a paying crop and can be profitably planted in many ways.

They can be grown alone for fodder purposes and green manure but for a dairy feed it is far more profitable to mix them with oats, rye or barley. The best time to cut for hay is just when the oats is heading out. This hay is of the highest quality and extremely nutritious. Cattle, horses and sheep thrive on it and it will surprise you how much of it will be produced on a small acreage.

Canada—Canada Peas are one of the most useful and valuable legumes that can be grown by the northwestern farmer. They grow from 3 to 4 feet high and the crop can be used in any manner, as ensilage, or plowed under for green manure.

White Marrowfat—These large handsome Peas are equally as profitable to grow as a field crop and on account of their size are salable at all times at the top of the market, as well as providing the table with an extra good pea during summer. Very heavy yielder, producing from 30 to 40 bushels per acre; these peas being softer than the Canada Pea, are preferred by hogs or stock.

Alaska—An early maturing Pea which is becoming quite popular because it stands up well in the field, and can be cut from either side, and is a heavy yielder. This is one of the varieties sought after by the canners.

Early May—This is an extra early clean smooth white Pea similar to the Canada but can be used as an early table Pea to advantage. Yields 30 to 40 bushels per acre on favorable soil.

Mixed Peas—Suitable for a crop for either hogging or sheeping off. An economical way to harvest this crop and a profitable one. There are usually two or more varieties in the mixture too near alike in size or shape to separate but just as good as the best stock from a feeding value standpoint.

Seeding—Peas are vigorous hardy growers and make the best growth during the moist cool season of the year. The soil should be, preferably plowed in the fall, disced well in the spring and the seed sown as early as soil and weather conditions shall permit, either in drills or broadcast, at a depth varying from 2 to 4 inches. The rate of seeding is from 2 to 3 bushels per acre when sown alone. When sown with Oats, which is a very popular practice for soiling purposes, 1½ to 1¾ bushels of Peas and 1 to 1¼ bushels of Oats are required per acre. Average yields of such a mixture vary from 10 to 20 tons per acre.

FOR PRICES SEE PAGE 112

INOCULATE THIS
SEED WITH
FARMOGERM

VETCHES

INOCULATE THIS
SEED WITH
FARMOGERM

Like all leguminous crops, Vetch gathers nitrogen out of the air and deposits it in the tubercles on its roots. In order to carry out this process it is necessary that the seed be inoculated or the young plants will not grow as healthy and vigorous as otherwise. Although many of our customers report they are able to grow without inoculating, it seems that one is taking chances when inoculating can be done easily with Farmogerm.

Winter Vetch—Known also as sand or hairy Vetch. Although called Winter this variety must be sown in Spring in Montana as it will not withstand our Winters, its advantage is that usually it produces a heavier tonnage per acre than the Spring Vetch. This variety requires a good soil, is frequently sown with oats or barley, with which it makes excellent feed.

Spring Vetch—This is a very valuable forage plant and is rapidly becoming popular each year as the farmers are learning more of its great value for forage and fertilizing purposes. It succeeds well on nearly all soils and thrives surprisingly on poor light land. It improves the soil, being a great nitrogen gatherer. It belongs to the vetch family, but the vines are much longer and the foliage is more abundant. May be sown with about half bushel of rye or oats for support. It grows rapidly and is particularly valuable in sections where clover does not thrive.

SORGHUM OR SUGAR CORN

SORGHUM—Minnesota Amber Cane—This is the type best suited for syrup.

The early Amber is the most common variety of Cane grown. There are two ways of planting it; one is by broadcasting, sowing from one to two bushels per acre, the other is to drill with a corn planter and cultivate the same as you would corn. It can be grown on any soil or in any climate from Maine to California. It will thrive on the richest land you have, or on the poorest, and it is one of the greatest destroyers of obnoxious weeds in existence. It can be sown any time in May or June and be harvested any time between the time it is a foot high and the first freezing weather. Cane is without doubt one of the greatest producers of high quality forage which has ever been discovered. The West has learned to appreciate the wonderful qualities of this great forage crop.

The cane plant produces from three to eight tons per acre of cured forage and it will withstand drouth and other unfavorable conditions that would mean death to any other crop.

FETERITA

(3 to 4 lbs. per Acre in Drills.)

FETERITA—A wonderful new grain which has attracted considerable favorable attention in Kansas, Missouri and Oklahoma. It belongs to the Sorghum family. It was introduced from Africa by the United States Department of Agriculture. The advantages of Feterita are its drouth resisting qualities, its heavy yield, its earliness, its stooing propensities and its freedom from insect pests. It is of medium height and about equal to Kaffir Corn in feeding value. Feterita successfully withstood dry weather in Kansas and nearby states during 1913 and yielded more under these unfavorable conditions, 35 bushels per acre and more. Under proper conditions, it will yield 60 to 75 bushels to the acre. It branches very freely from the roots, making from three to eighteen heads from a single stool. It is from two to three weeks earlier than Kaffir Corn, and should successfully mature in the north.



Kaffir Corn

KAFFIR CORN

Kaffir Corn—White Seeded
An excellent fodder plant, yielding two crops of fodder during the season. It grows 4 to 5 feet high, making a straight upright growth. The stem or stalk bears enormous wide leaves. The stalks are brittle and juicy not hardening like other varieties of Sorghum. It makes excellent fodder, either green or dry, which is highly relished by cattle and all kinds of stock. The seed crop is also heavy. Sometimes 50 to 60 bushels to the acre. For grain, sow in rows 3 feet apart, 3 to 5 lbs. to the acre. For fodder sow 40 to 50 lbs. either broadcast or in drills.

BUCKWHEAT

(35 to 40 lbs. to the Acre.)

SILVER HULL BUCKWHEAT—The grain is of a beautiful light gray color, and has a thin husk. Millers prefer Silver Hull, there being less waste and it makes whiter, better and more nutritious flour than other varieties. Silver Hull is more productive and the grain meets with a more ready sale. Under favorable conditions it will yield 40 to 50 bushels an acre.

JAPANESE—The grain is large. It yields heavy, ripens early, stands up well, and the flour is fully equal to any other. It remains a long time in bloom and is excellent for bee pasture.

FLAX

RUSSIAN—The standard sort used in the northwest. It requires special machinery to make seed of any grain and this is especially true of flax. Cleaning Flax so as to make it "right" for seed is a somewhat expensive operation and involves a very considerable waste. But write for sample, use the magnifying glass and compare it with flax from the farm or elevator and judge for yourself if our seed is worth to you all its costs. Spray your flax with formaldehyde before seeding.

PRIMOST OR MINN NO. 25—This variety can be very highly recommended both as to yield and robust growth. Our grower has been successful in securing yields as much as six bushels per acre over common Flax and the continual increasing demand for flaxseed for commercial use, insures the Northwestern farmer that he will always have a good market, and one of the best of pay crops, providing he can continue to raise the normal yield or better.

SUNFLOWER

(10 lbs. to the Acre)

SUNFLOWER FOR SILO

There has during the past few years been a good deal of experimenting with Sunflower for Silo work and with very gratifying results. The best proof for this is the increasing number of silos being built and contemplated to handle the crops. The dry land farmer should be particularly interested in this crop as it means so much to him in tonnage or fodder. It will yield 200 to 300 per cent more than any other crop we know of and is relished by stock and dairy cattle. Bankers will make loans easy where a crop of sunflowers is in sight.

SEEDING AND CULTIVATION

Sow sunflowers in rows wide enough apart to permit cultivating between them at the rate of about 10 lbs. per acre. Cultivate frequently until the plants are from 12 to 18 inches high.

Mammoth Russian Type—Single heads measure 15 to 22 inches in diameter, and contain an immense amount of seed, which is highly valued by farmers and poultry breeders who have tried it. It is the best egg producing food known for poultry. It can be raised cheaper than corn, and is destined to be an article of great value.

RAPE

(Sow 2 to 3 lbs. to the Acre in Drill; 5 lbs. Broadcast)

Use of Dwarf Essex Rape—Dwarf Essex Rape thrives best on a good soil, rich in vegetable matter, Slough lands are excellent. This plant may be grown successfully in the following ways, viz: 1. In the early spring, to provide pasture. 2. In June or July, on well prepared land to provide pasture. 3. Along with grain using 2 lbs. of seed an acre, to provide pasture for sheep after harvest. 4. Along with peas, oats, clover seed, to provide pasture and to get a "catch" of clover. 5. As a cover in the orchard for winter protection to avoid root-killing. 6. In corn, sowing the seed with the last cultivation; the succulent feed produced may save the loss of cattle by corn stalk disease. Prevention is better than medicine in regard to this fatal disease. 7. Along with rye, sown in August, in sheep pasture. 8. On early plowed fields to shade the land and so that the soil will not bleach, wash or drift. 9. To plow under as a green crop, adding humus to the soil, an element needed in grain growing sections. When rape is sown broadcast 5 lbs. of seed an acre will suffice. When sown in rows, say thirty inches apart and cultivated, from 2 to 3 lbs. per acre will be enough.

LENTILS

Montana Grown—Lentils are again coming to the front in leguminous crops, and rightfully so. Inoculated with Farmogerm, they enrich the land with nitrogen, they produce a heavy crop on poor soils, the crop can be profitably used for any feed purposes either green or cured, and the ripened crop when threshed is in great demand for cooking purposes. Few of the legume family make as desirable a stock for soups as do the Lentils. Oriental countries have long used this as a chief article of diet, and is of value in this country for that purpose.

Sept., 1925

State Nursery and Seed Co.
Helena, Mont.

Gentlemen:—Just a little testimonial in regard to the quality of your field seeds.

My Gehu Flint Corn raised at an altitude of about 4500 feet, took the blue ribbon for the west central district of Montana at the 1925 State Fair.

Yours very truly

GEO. E. LOGAN, Helena, Mont.

SEED GRAINS

Our outstanding aim is to supply the very best Montana grown grains procurable. We thoroughly clean and separate all grains with modern machinery which discards light weight seeds.

Practically all our stock was grown, right here in sections noted for high yields per acre. All will be found hardy and able to withstand unfavorable conditions.

We offer select, re-cleaned, well-matured seed grains of standard varieties, suitable for the Northwest and we ask you to compare them with ordinary stocks which we feel sure will convince you of their superiority.



White Oats—The President

PRESIDENT—If you are looking for a good **HEAVY YIELDING STRAIGHT** type of **WHITE OATS** here is your opportunity. This stock has been well cleaned, was grown from Certified Grain weighing 43 lbs. per measured bushel and yielded 75 bushels per acre, with one irrigation. The best lot of oats seen this season.

NEW VICTORY—The high yield of this variety is particularly striking on heavy and medium soils. The smallest spikelets bear a certain resemblance in panicle construction, to the Golden Rain Oat, but it is easily distinguished from the latter by its white, slightly bearded (not altogether awnless) grain. The panicle is rather small but compact and rich, with stiff branches, the spikelets are short, usually only two-kerneled. The grain is white of medium size, short and broad. The straw is of medium height, particularly firm and elastic. The stooling ability is good and the development in the field is remarkably regular and pronounced. The yield from our 1925 crop averaged 100 bu. per acre. This variety is most highly recommended by the Montana Agricultural College. Farmers should exercise the greatest possible care in buying their seed Oats this season on account of the unfavorable harvesting conditions which prevailed at harvest time. Our stock was all threshed before any danger from snow or storms and has strong germination.

Swedish Select—These originated in Sweden and they seem to be adapted to the growing conditions of the Great Northwest better than any other of the improved foreign Oats. They retain splendidly the vigor, hardiness and productivity that were bred into the original parents.

These Oats ripen fairly early, the straw is of medium height, strong and stiff. The grain is white, thin hulled, and plump. Weight per measured bushel, 40 to 45 lbs. The spikelets are small and usually two-grained. The shoots are abundant and the development in the field is strikingly regular and ample.

Montana White—A large plump grain, preferred by many to the Swedish Select, which it most nearly resembles. Good stiff straw with heavy grain average 42 lbs. per measured bushel and a yield of 70 to 80 bushels per acre.

FOR PRICES SEE PAGE 112

HULLESS OATS—OTTOWA NO. 480

The principal use of these Oats is as a cereal, chick feed or hog feed. Just consider for a moment the tremendous advantages of growing and marketing Oats without hulls, especially when the yield in bushels is equal and sometimes better than ordinary Oats. Our grower says that his field averaged 56 bushels per acre last season and that the money value was 100% greater than from his ordinary Oats in the adjoining field. Treat your Hulless Oats to guard against smut and seed at the rate of 30 to 40 lbs. per acre.



(1) Club Wheat in Shock. (2) Club Wheat 42 bushels to the Acre. (3) Victory Oats 104 bushels to the Acre, on the Pruitt Stock Farm, Helena Valley



Field of Spring Wheat—Marquis Type

SPRING WHEAT

Red Bobs—A beardless hardy spring wheat of excellent milling quality, somewhat similar to Marquis but ripening earlier by 3 or 4 days. The variety shows up particularly well on dry land having produced 65 to 75 bushels per acre the past season. Our grower reports it the earliest of all spring wheats. U. S. and Canadian experiment stations report the variety earlier than Marquis and the Moccasin Montana station report Red Bobs consistently out yielded Marquis.

Marquis Wheat—The wheat you will eventually buy. Unquestionably the best wheat for the northwest. Matures a week to ten days earlier than Red Fife; yields 15 to 20 bushels to an acre more than Red Fife; and for milling purposes grades No. 1 hard. Kernel is hard and flinty, a little darker than Red Fife and more plump than that variety. It is beardless, having smooth yellow chaff. Marquis wheat is the earliest, hardiest and heaviest yielding Spring Wheat adapted for northwestern conditions.

Soft Spring Club—An old favorite, grown especially for consumption at home for feeding purposes, a heavy yielder under irrigation. Probably the heaviest yielding soft Wheat known. We have records of 70½ bushels per acre being grown. It seems almost impossible to procure true Club Wheat, but believe our stock to be fully equal to any being offered. We hope now that Wheat is bringing good prices that the strain of Club Wheat will be greatly improved. There will, no doubt, be an increased demand for good seed stocks.

Federation Wheat—(White Milling Variety)—One of Montana's Exceptional Products.—Federation Wheat is an Australian importation made in 1914 by the United States Department of Agriculture. It showed promise in Oregon and trials were made in Idaho in 1917. In the five year test at the Aberdeen Station it has outyielded all other trials at the station, averaging 4.9 bushels per acre. It is a spring wheat which is characterized by a medium short straw. It has upright growing habit and is a good stooler. The straw is of very good quality and a minimum amount of lodging would be experienced. It is a good variety for wheat hay. It is beardless and in some respects resembles Marquis.

As to quality, Federation grades higher than Dicklow, which was formerly the standard wheat in Idaho. It weighs more per bushel, has practically the same protein content, the same amount of flour, has more shorts and less bran. The flour has about the same water absorption, greater rising ability and the loaf is of better texture and color than Dicklow.

Federation should be irrigated a little earlier than Dicklow as it makes quicker growth. In ordinary years the last irrigation should be given while in the dough stage. Federation is found to be more resistant to loose smut than Dicklow.

H. L. Cram, the farmer who grew our crop is very much taken up with the variety. He claims that it is an economical variety to grow as it matures fully ten days earlier than Club thus requiring one less irrigation in addition to outyielding this variety several bushels per acre. **ORDER A FEW BUSHELS OR CARLOAD.**



Federation Wheat
Our Average Yield on 50 Acres, 1925, was 52 Bushels

DURUM—Kubanka Macaroni—White Bearded—In the field this Wheat grows very strong and with surprising rapidity, so rapidly as to get well ahead of the weeds. It does not shell or bleach and is also hail proof, owing to the tightness of the hull. The straw is very strong.

DURUM—Pelisse Macaroni—Black Bearded—Having yellow chaff and long black beards. It has proved to be the largest yielder of all Durums. The kernel is large, being about 1-3 longer than the other varieties of Durum. Until a few years ago this variety was comparatively unknown but its large yielding and drouth resisting qualities have given it so much publicity that it has been raised with great success on many farms in Montana and North Dakota during the past few years. We can highly recommend this wheat as the largest yielder of any Spring Wheat now grown in Montana.

WINTER WHEAT—Turkey Red—For delivery in July, write for sample and price. We offer a true strain of the **Old Reliable Turkey Red**. The Farmers' and Millers' friend.

WINTER WHEAT—Kanred—This variety was introduced by the Kansas Experiment Station, it being a selection of the hardest Prolific Turkey Red. It is classed as a high grade milling variety and highly recommended by millers. In a three year test the Montana Experiment Station reports a yield of 47 8-10 bushels per acre.

WINTER WHEAT—Montana No. 36—Recommended very highly. It withstands drought and winter killing better than other varieties which have been bred up from Turkey Red at the same time holding a high place as a milling wheat. In a 3 year test at Montana Experiment Station it yielded 51 6-10 bushels per acre.



Spring Rye—Montana's Surest Grain Crop

SPRING RYE

SPRING RYE—True stock. Spring Rye makes an excellent crop where winter grain has been killed out, or for sowing where a fall crop has not been planted. For the dry farmer needing a sure crop of hay, Rye can be depended on to produce a good tonnage of excellent hay. Does not grow quite so large straw as Winter Rye, but usually yields well and grain is of fine quality. We call particular attention to the fact that we offer genuine Spring Rye.

PREPARE NOW FOR SPRING

The demand for good seeds is insistent. The Department of Agriculture, Washington and State Experiment Stations are of constant benefit to farmers. Watch them—they will advise well. They consistently advocate good seeds of known origin. Our business is to supply the best. WE DO. The accumulated endeavor of years, as represented in our business, is at your service. Thousands of customers year in and year out can testify to our high grade seeds and to our service.

SAMPLES

We are always ready and willing to send samples of all grass and field seeds for your inspection. Don't hesitate to write and request samples in these lines at any time. We want you to know just what our seeds are before you buy and we will ship exactly the quality we furnish as sample.

FALL RYE

Each season there comes to us an increasing demand for Fall Rye for summer seeding to provide pasture in August and September when grass pasture is in poor condition. The dairy cow will show excellent results in milk production if given an opportunity to graze on Rye pasture.

FALL RYE—Amber—Winter Rye is much hardier than Wheat and can be grown in a greater variety of soils. It will thrive in dry seasons and on light sandy loam. It is grown for grain, fodder, soiling purposes and green manure. Sow Aug. 20th to Sept. 15th—1¼ bu. per acre if for grain, and 1½ to 2 bu. per acre for Fall pasture. If drilled 2 to 2½ in. deep there will be less danger of Winter killing. Our seed is selected, graded, and thoroughly cleaned.

FALL RYE—"Rosen"—Rye cross-breeds like corn. In this respect it differs from wheat, which will not cross fertilize if two or more kinds are grown together for years. To keep a pure rye pure, it should be grown away from a common crop, like you must grow yellow corn distant from white corn.

Farmers who have grown rye know that 15 to 20 bushels per acre is about what they can expect. Such farmers, who, changed to the Rosen Rye, are now getting 25 to 30 bushels, and 40 to 50 bushel yields are not very uncommon.



Rosen Fall Rye—Yield 40 bushels per acre



Spring Club Wheat on Preuit Stock Farm, Lewis and Clark County

FIELD SEEDS

Clover, Grass, Seed Grains, Etc.

THE PRICES QUOTED REPRESENT VALUE ON THE DATE OF ISSUE, (JANUARY, 1926). AS THE SEASON ADVANCES, PRICES MAY FLUCTUATE SOMEWHAT. WHERE A CHANGE IN SEED VALUES TAKES PLACE, IF HIGHER, ORDERS WILL BE FILLED TO THE FULL VALUE OF REMITTANCE RECEIVED, IF LOWER, BALANCE OVER REMITTED WILL BE RETURNED. TRANSPORTATION CHARGES ARE PAID BY THE CUSTOMER EXCEPT ON ITEMS MARKED POSTPAID. IF WANTED BY PARCEL POST, ADD POSTAGE.

(Prices Subject to Change Without Notice.)

(50 lb. Lots at 100 lb. Price)

All Quotations are F. O. B. Helena.

PAGE 99

Lawn Grass, Kentucky Blue Grass, White Clover.

ALFALFA

PAGE 101

	lb.	5 lbs.	10 lbs.	100 lbs.
Grimm, Reg. (1st grade) .....	.70	3.00	5.50	48.00
Cossack, Reg. (1st grade) ....	.70	3.00	5.50	48.00
Grimm or Cossack Certified ..	.60	2.75	4.50	36.00

PAGE 102

	lb.	10 lbs.	100 lbs.
Hardy Montana, "Peerless" .....	.40	3.25	27.50
Hardy Montana, "Placer" .....	.35	3.00	25.00
Hardy Montana, "Quartz" .....	.30	2.60	22.00

CLOVER

PAGE 103

	lb.	10 lbs.	100 lbs.
Medium Red, "Peerless" .....	.50	4.75	41.00
Medium Red, "Placer" .....	.45	4.50	39.00
Mammoth, Red, "Peerless" .....	.50	4.80	42.00
Alsike, "Peerless" .....	.45	4.00	34.00
Alsike, "Placer" .....	.40	3.75	32.00
White Dutch, "Peerless" .....	.70	6.00	56.00
White Dutch, "Placer" .....	.60	5.25	47.50
Sweet White, "Peerless" .....	.25	1.75	13.50
Sweet White, "Placer" .....	.20	1.50	12.50
Sweet White, "Quartz" .....	.15	1.30	11.00
Sweet Yellow, "Peerless" .....	.25	1.90	14.50
Sweet Yellow, "Placer" .....	.20	1.75	14.00
Sweet Arctic, New Bi. White .....	.35	3.00	25.00

PAGE 104

BLUE GRASS (Kentucky)			
"Peerless" .....	.50	4.90	49.00
"Placer" .....	.45	4.50	44.00
MEADOW FESCUE—English Blue Grass ..	.30	2.50	21.00
TALL FESCUE .....	.25	2.25	19.00
PERENNIAL RYE GRASS .....	.25	2.00	15.00
SLENDER WHEAT GRASS or Western			
Rye Grass .....	.20	1.50	10.50
ORCHARD GRASS .....	.30	2.75	22.50
RED TOP			
"Peerless" .....	.50	4.50	39.00
"Placer" .....	.45	4.25	37.00
TALL MEADOW OAT GRASS .....	.45	4.00	35.00

PAGE 105

TIMOTHY			
"Peerless" .....	.20	1.50	10.75
"Placer" .....	.20	1.40	10.25
Timothy & Alsike 20% Mixed .....	.25	1.75	14.50
BROME GRASS .....	.20	1.75	13.50
SUDAN GRASS .....	.15	1.30	9.00

PAGE 106

PERMANENT PASTURE and MEADOW			
MIXTURE .....	.35	3.00	27.00
ZAWADKE ALKALI GRASS	1.90	18.00	
ANNUAL or SUMMER PASTURE			

PAGE 107

MILLET

	lb.	10 lbs.	100 lbs.
White Wonder .....	.15	1.25	
Golden or German .....	.15	1.25	
Hungarian .....	.15	1.25	
Siberian .....	.15	1.00	
Early Fortune .....	.15	1.00	
Hog or Broom Corn .....	.15	1.00	
Japanese .....	.15	1.20	

SOY BEANS

Wisconsin Early Black ..	.15	1.25	
Manchu .....	.15	1.25	
Ito San .....	.15	1.25	

FIELD BEANS

Great Northern Navy, commands the best market price15	1.00	9.00
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PAGE 108

PEAS—FIELD

White Marrowfat12	1.10	7.00
Early May or Canada10	.90	6.00
Mixed .....	.10	.80	5.50

VETCH

Spring .....	.15	1.25	8.50
Winter or Hairy .....	.25	2.00	16.00

PAGE 109

SORGHUM—Minnesota

Amber Cane .....	.12	1.00	
FETERITA .....	.12	1.00	
KAFFIR CORN—			
White Seeded .....	.12	1.00	
KAFFIR CORN—			
Red Seeded .....	.12	1.00	
BUCKWHEAT			
Silver Hull .....	.15	1.00	
Japanese .....	.15	1.00	

FLAX

Primost or No. 25, Bu. 4.25 .....	.12	1.00	7.25
Montana Russian—Bu. 4.00 .....	.10	.85	7.00

SUNFLOWER—Mammoth Russian

RAPE—Dwarf Essex—For Stock

LENTILS

PAGE 110

OATS

The President			2.80
New Victory			2.80
Montana White or Big Four			2.60
Swedish Select			2.60
Hulless (New) .....	.15	1.10	7.00

Write For Prices in 1000 lb. Lots or More

Add Postage if Desired by Parcel Post

FIELD SEEDS—Continued

PAGE 111

SPRING WHEAT

	Bu.	10 bu. lots
Red Bobs	2.40	2.30
Marquis	2.40	2.30
Soft Spring Club	2.20	2.00
Federation Grown from Certified Stock	2.70	2.50
Durum Kubanka		
Durum Black Bearded		

WINTER WHEAT

Turkey Red	2.40	2.30
Kanred	2.40	2.30

PAGE 112

RYE

	10 lbs.	100 lbs.
Spring50	3.00
Fall Amber50	2.85
Fall Rosen50	2.85

PAGE 113

SPELTZ OR EMMER50	3.75
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BARLEY

White Hulless (Beardless)50	3.50
Six Row Trebi (Bearded)50	3.50
Guy Mayle (Bearded) Hulless50	
Two Row Hannchen (Bearded) .....	.50	
Six Row Common (Bearded) .....	.50	3.00

Write for Prices in 1000 lb. Lots or more

PAGES 114 to 116

FIELD CORN—Montana Grown—

	10 lbs.	Bu.
Northwestern Dent	1.50	
Rustler White Dent (Pioneer)	1.50	
Minnesota No. 13	1.50	
Wisconsin No. 25	1.50	
North Dakota White Flint	1.50	
Gehu Yellow Flint	1.50	
FODDER CORN	1.20	

POP CORN—See Page 116

	Pkg.	lb.	10 lbs.
White Rice .....	.05	.15	1.25
Japanese Hulless .....	.10	.17	1.60

PAGE 117

SEED POTATOES

	25 lbs.	50 lbs.	100 lbs.
Early Six Weeks			
Early Ohio			
Early Triumph			
Early Triumph (Certified)			
Netted Gem			
Netted Gem (Certified)			

Poultry and Dairy Feeds—Pages 118 to 122

PAGE 121

BLATCHFORD'S PRODUCTS

	25 lbs.	100 lbs.
Blatchford's Calf Meal	1.60	5.90
" Pig Meal	1.60	5.90
" Egg Mash	1.45	5.00
" Chick Mash, 10 lb. sack 75c	1.60	5.90
" Lamb Meal	1.60	5.90
" Rabbit Meal, 5 lb. pkt. 50c	1.60	5.90

ASK FOR FREE BOOKS ON ABOVE

BIRD SEED—Various Kinds—See Page 121

PAGE 122

POULTRY AND DAIRY FEEDS

Prices Subject to Change

F. O. B. Helena

	100 lbs.
Dairy Ration	\$2.10
Bran and Shorts	1.70
Bran	1.70
Middlings, Shorts	1.80
Corn, No. 2, yellow	2.40
Corn, cracked	2.45
Corn Meal	2.55
Oats, whole	1.80
Oats, ground	1.90
Rye, whole feed	2.00
Rye, ground	2.10
Wheat, whole	2.75
Wheat, cracked, meal	2.90
Flax Meal, ground with oil	4.50
Linseed Oil Meal, pea size	4.00
Cotton Seed Meal	4.00
Flour, low grade, 140 lb. bags	3.00
Swift's Meat Scrap, regular or fine	5.00
Buckwheat	4.25

100 lbs.

Kaffir Corn	4.00
Millet	4.00
Sunflower, 10 lbs. \$1.25	7.50
Hen Scratch, Peerless	3.00
Hen Scratch, Placer	2.90
Developer	3.40
Growing Ration	3.50
Little Chick Scratch	3.50
Egg Mash, Peerless	3.50
Growing Mash	3.60
Fattening Mash, Peerless	3.25
Hog Feed, mixed ground	2.20
Oyster Shell, ground	2.00
Charcoal, 50 lbs. \$2.00; 10 lbs. 65c	4.00
Grit, Granite, hen or chick, 10 lbs. 25c	1.25
Bone, granulated	3.60
Bone Meal	3.50

PRATT'S BUTTERMILK BABY CHICK FOOD

"Just Watch Them Grow"

Should be fed the first three weeks. It is essential to the nourishment of chicks that they be fed with food that can be thoroughly and easily digested. Baby Chick Food is balanced to suit the needs of chicks from the day they emerge from their shells. It will raise more chicks than any other food. Price 2½ lb. pkg. 30c; 5¼ lb. pkg. 60c; 5 lb. bag 45c; 10 lb. bag 85c; 14 lb. bag \$1.10; 25 lbs. \$1.75; 50 lbs. \$3.15; 100 lbs. \$6.00, F. O. B. Helena.

PRATT'S BUTTERMILK GROWING MASH

An ideal food for growing youngsters. The bone, muscle and feather builder, contains the proper ingredients to make bone, muscle, and good red blood.

25 lbs. \$1.40; 50 lbs. \$2.65; 100 lbs. \$5.00. F. O. B. Helena.

Add Postage if Desired by Parcel Post

STATE NURSERY AND SEED CO.

HELENA, MONTANA

SHIP BY MARK X AFTER METHOD OF SHIPMENT DESIRED—Parcel Post ☐ Express ☐ Freight ☐

County _____ State _____

Freight or
Express Station If no agent—Send sufficient money to prepay charges.

If Out of Variety Ordered, Have We Your Permission to Substitute Equal or Better in Nearest We Can Supply?

In case price has declined or advanced, shall we fill order for amount allowed?

STATE NURSERY & SEED CO. do not give, and their agents and employees are forbidden to give, any warranty, expressed or implied, as to description, quality, productiveness, or any other matter of any seeds, bulbs, plants, etc., they send out, and will not be responsible for the crop. If the purchaser does not accept the goods on these terms, they are at once to be returned and money paid for them will be promptly refunded.

[illegible]

WE GUARANTEE SAFE DELIVERY OF SEEDS BY PARCEL POST IF INSURED. IF THIS IS DESIRED ADD FEE TO REMITTANCE. IF IN NEED OF MORE ORDER SHEETS AND SELF ADDRESSED ENVELOPES ASK FOR THEM. THEY WILL BE MAILED FREE.

NOTICE: KINDLY SEND THE NAMES OF YOUR ACQUAINTANCES WHO USE SEEDS AND NURSERY STOCK.

[illegible]

PARCEL POST RATES within the United States.		First pound or fraction	Each additional pound or fraction
Rate to Canada; 12c per lb. or fraction thereof.			
First Zone within 50 miles of Helena.....	7c	1c	
Second Zone within 50 to 150 miles.....	7c	1c	
Third Zone within 150 to 300 miles.....	8c	2c	
Fourth Zone within 300 to 600 miles.....	9c	4c	
Fifth Zone within 600 to 1000 miles.....	10c	6c	
Sixth Zone within 1000 to 1400 miles.....	11c	8c	
Seventh Zone within 1400 to 1800 miles.....	13c	10c	
Eighth Zone all over 1800 miles.....	14c	12c	

WE GUARANTEE SAFE DELIVERY OF SEEDS BY PARCEL
POST IF INSURED.

IF THIS IS DESIRED ADD FEE TO REMITTANCE.

SPECIAL NOTICE—If you will kindly send us the names of your flower loving friends—and those of farmers or ranchers of your acquaintance—with your order, we will be glad to place them on our mailing lists.

PLEASE DO NOT USE SPACE BELOW

FILLED BY	CHECKED BY	PACKED BY	NO. BOXES	NO. SACKS	NO. PKGS.	DATE	POSTAGE FR. EXP. ADV.

STATE NURSERY AND SEED CO.

HELENA, MONTANA

SHIP BY—MARK X AFTER METHOD
OF SHIPMENT DESIRED—Parcel Post ☐ Express ☐ Freight ☐

County _____ State _____

Is there an agent at this station? Yes or No.....

Freight or Express Station If no agent—Send sufficient money to prepay charges.

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In case price has declined or advanced, shall we fill order for amount allowed?

STATE NURSERY & SEED CO. do not give, and their agents and employees are forbidden to give, any warranty, expressed or implied, as to description, quality, productiveness, or any other matter of any seeds, bulbs, plants, etc., they send out, and will not be responsible for the crop. If the purchaser does not accept the goods on these terms, they are at once to be returned and money paid for them will be promptly refunded.

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FILLED BY	CHECKED BY	PACKED BY	NO. BOXES	NO. SACKS	NO. PKGS.	DATE	POSTAGE FR. EXP. ADV.

**WHITE OR SPRING EMMER
OR SPELTZ**

is very similar to Barley in appearance and growth, and is especially adapted to the semi-arid districts of the Northwest and can be relied upon to produce a fair crop even under the most adverse conditions. It produces heavy yields of grain, and straw which is equal in value to oat straw. Its extreme hardness and drought resisting qualities, together with yielding qualities that surpass any other cereal makes it a grain of the utmost importance to the farmers in the North and Northwest.

Our seed stock has been bred up from the most hardy, high yielding strains, and has been carefully re-cleaned and graded and we believe that we are in a position to furnish you with the best that can be produced, and we know that it will prove to be the cheapest and best feed which you have ever grown upon your farm.

GROWING THE CROP

Soil—It will grow on any soil or in any climate where any other grain crop will grow.

Preparation of the Seed Bed—It can be sown on ground prepared the same as that upon which you would plant barley, wheat or oats. It is sown broadcast or by the use of a press drill.

Harvesting—Cut the grain when it is a little past the silk stage, when it will make a splendid grain and lots of straw.



Speltz Grown for Seed on Our Farm Which Yielded Over 50 bu. Per Acre

BARLEY**TREBI**

A new 6 row introduction especially suited for irrigated lands. Bozeman reports their average for the two past seasons as 95 bushels per acre. Aberdeen Station (Idaho) reports average yield for 8 years 79.8-10. Trebi requires less time to mature than Chevalier. The straw is of medium height, and fairly stiff, so that it is less likely to lodge than other varieties. Recommended only for irrigated land.

HANNCHEN—Two Row

We quote Moccasin Experiment Station report. "We consider Hannchen to be one of our best varieties of barley and prefer it for the dry lands of Central Montana to White Smyrna Barley which has been considered our highest yielding variety of barley in the past. The average yield of Hannchen at this station is equal to that of White Smyrna and both varieties are two rowed barleys very similar in most respects. Hannchen, however, is later maturing and has a longer straw than White Smyrna and is to be preferred to the latter because of its greater height, enabling it to be harvested more easily."

SIX ROW—Common

This is an especially fine six-rowed barley. It has been highly improved so that it will produce plump grains with the greatest protein content, as well as strong, stiff straw and long, well-filled heads. In quality, both as to feeding value and for malting purposes, no other barley excels it. It yields abundantly and is early and very vigorous in growth. Seldom does a field of this grain lodge.



Barley—White Hulless and Beardless

WHITE HULLESS

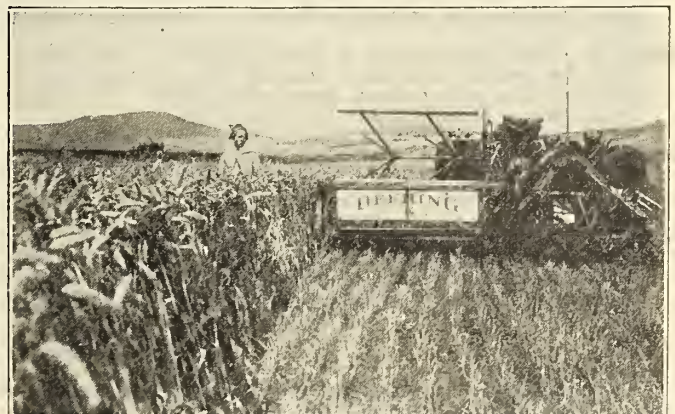
No Barley of which we have knowledge has proved so valuable to the stock raiser as the White Hulless. It is not a malting variety, but for feeding purposes there is no Barley its equal in earliness, yield and quality.

Its Valuable Properties

It is hulless, beardless, and early; it weighs over 60 pounds to the measured bushel; yields well on good land; makes better pork than corn; it is of inestimable value to everyone who feeds stock. It is often grown for hay, coming very early and providing rich food. It should be cut just before it becomes ripe and while the straw is green. In this condition it is relished by all kinds of stock. The straw is stiff and straight, and seldom if ever does it lodge. Use 50 lbs. seed to acre on dry land for grain crop.

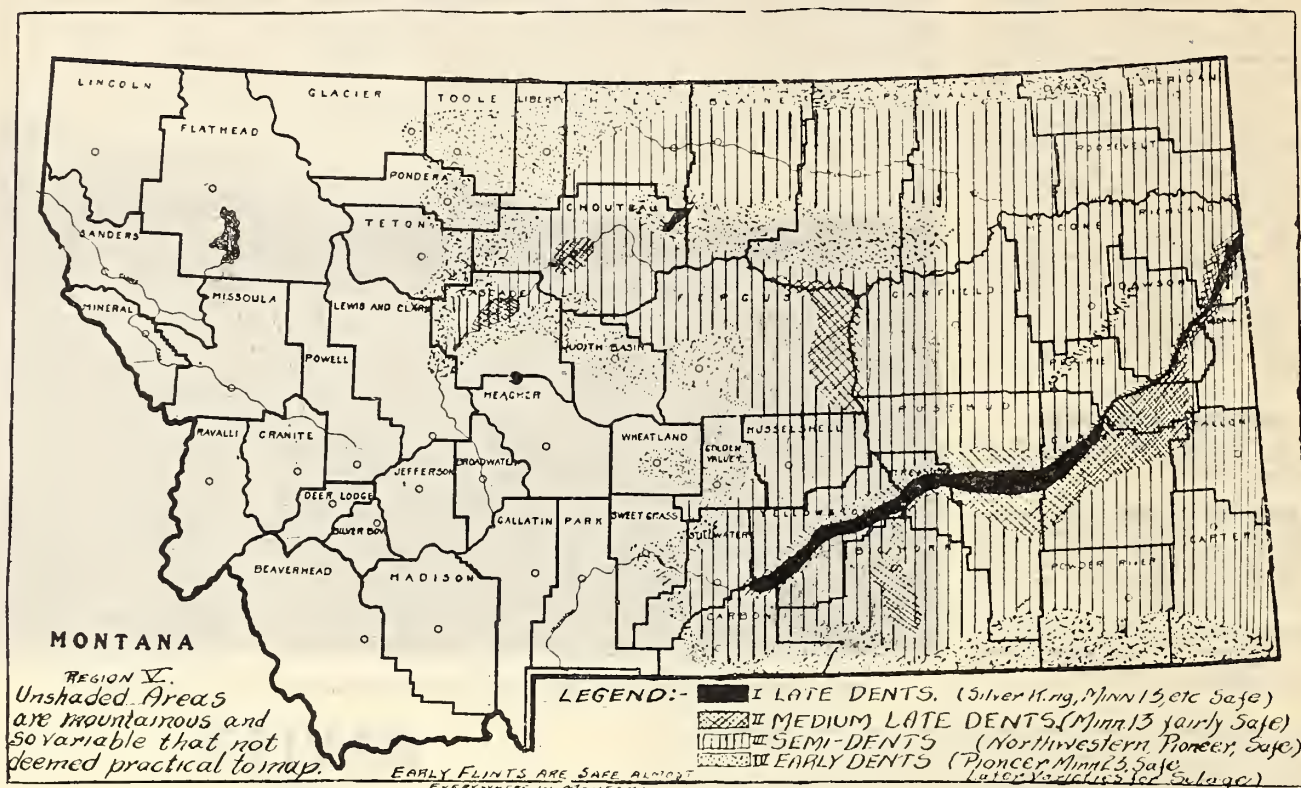
BARLEY—GUY MAYLE—(Bearded Hulless)

A blue barley similar to the White Hulless, but claimed to be a heavier yielder. It is a cross between the Black variety and the White, and requires the same treatment as the White Hulless.



Barley—Six Row Common

Montana Corn for Montana Conditions



THE MONTANA CORN MAP

By A. J. Ogaard, Extension Crop Specialist

In presenting this map, the Agronomy Department of Montana State College has tried to give a rough birdseye view of Montana's corn possibilities. From our observations and numerous local tests conducted by county agents, we are led to divide the state into five general areas with respect to corn. With such a great variation in soil, climate, altitude, etc., as we have in Montana, it is to be expected that such a rough classification will be subject to local exceptions. One may have a better exposure, warmer soil, especially favorable frost conditions which will combine to make it possible to raise later varieties than are generally recommended on this rough map. However, we hope it may serve to give those interested in the same development of corn in Montana a better idea of corn variety adaption in the state which may be reflected in a safer and saner idea of corn types for any particular region.

GENERAL DISCUSSION OF THE CORN AREAS

- Region 1.**—A long growing season and a comparatively high number of heat units combine in to make a narrow strip along the Yellowstone River in Southeastern Montana especially adapted for the production of fairly late dents, such as the later types of Minn. 13, a Montana adaptation of Silver King, etc. Growers in less favored areas might utilize such strains for silage production, but preliminary tests on a small scale would be advisable before adoption.
- Region 2.**—A larger area in the lower altitudes of Southeastern Montana and smaller areas in Fergus, Cascade and Chouteau Counties are suited to the use of medium late dents, such as adapted strains of Minn. 13.
- Region 3.**—This area covers a large portion of the Montana plains area. In the more favored portions of this district the medium late dents such as Minn. 13 and some of the later flints may be profitably used for silage production, but the main general purpose corns for this section will be Montana types of Northwestern Dent, Pioneer White Dent, Brown County Dent and Minn. 23.
- Region 4.**—In the higher altitudes, conditions become more severe and for this region the general recommendation would be to use early strains of Northwest Dent, Pioneer White Dent, Minn. 23 with the expectancy of utilizing the crop for fodder in many seasons. Pioneer and Minn. 23 would be the safest dents.
- Region 5.**—The unshaded areas are the mountainous districts of the state. The local variations within these areas are so abrupt within comparatively short distances that it is almost impossible to map them satisfactorily. In many of the mountain valleys conditions are very favorable for corn production. The growers must be governed by local experience and tests of Montana types in choosing adapted corn varieties.

EARLY FLINTS IN ALL DISTRICTS

The safest corn varieties for any and all conditions in the state are the early flints. Most sections in Montana can utilize these adapted varieties for hogging off and dependable ear yields.

FACE THE FACTS

Montana's phenomenal increase in corn acreage, 1000% in the last ten years, is a healthy sign of real agricultural progress. Much of the success with corn is due to the fact that Montana corn growers have adjusted their ideas as to corn types and methods of utilizing corn to harmonize with Montana conditions. They are profiting from local experience and the results of the carefully conducted community variety tests of the county agents. They realize that the best

type of corn is one which has proven itself adapted to the local conditions. Proven Montana strains, thru adaptation and selection have adjusted themselves to the shortened growing season, cool weather and drier conditions by changes in length of stalk, size of ear, smoothness of kernel, etc. In discussing Montana corn, A. J. Ogaard, Extension Crop Specialist, states, "Hundreds of local variety tests conducted by our county agents all over Montana are proving the superiority of Montana grown seed corn of proven Montana strains. Farmers are wasting time and money if they ship in corn from outside the state in the hope of obtaining better varieties. A large number of Montana growers are producing the best seed corn available for Montana conditions. Buy Montana grown seed corn as long as the supply holds out."

Desirous of giving reliable information to the Montana corn grower based on fact and not prejudiced or haphazard guesses, we have sought the aid and cooperation of the Montana Extension Service with reference to adapted corn varieties. Profitable and successful corn production means so very much to Montana farmers and citizens in general that it is our wish to do what we can in keeping the grower on the right track.

The State Nursery and Seed Company in line with its policy of furnishing its customers with seed corn of the highest yielding proven strains is pleased to present the Montana Corn Map and explanations.

Corn growers of the state would do well to study the map on the preceding page and get a bird's eye view of Montana as a corn state.

SOME CORN POINTERS

Corn will be grown in Montana for three general purposes. First, For hogging off and certain crop of ear corn. Both the Gehu and Dakota White Flints are recommended for harvesting by livestock. These improved descendants of the original Indian corns are high yielding, drought resistant and especially adapted to Montana Conditions.

Second, For fairly dependable yields of ear corn and some fodder. Early dents are more easily harvested than the early flints, do not yield as much grain, but are more conveniently harvested and furnish fairly good yields of fodder. In more favorable areas the later semi-dents and dents can be utilized.

Third, For fodder and silage purposes. In raising corn for fodder, a variety should be grown that will reach the glazing stage every year and get ripe some seasons. Avoid coarse, late, watery corns which do not produce as much dry matter per acre as the earlier types.

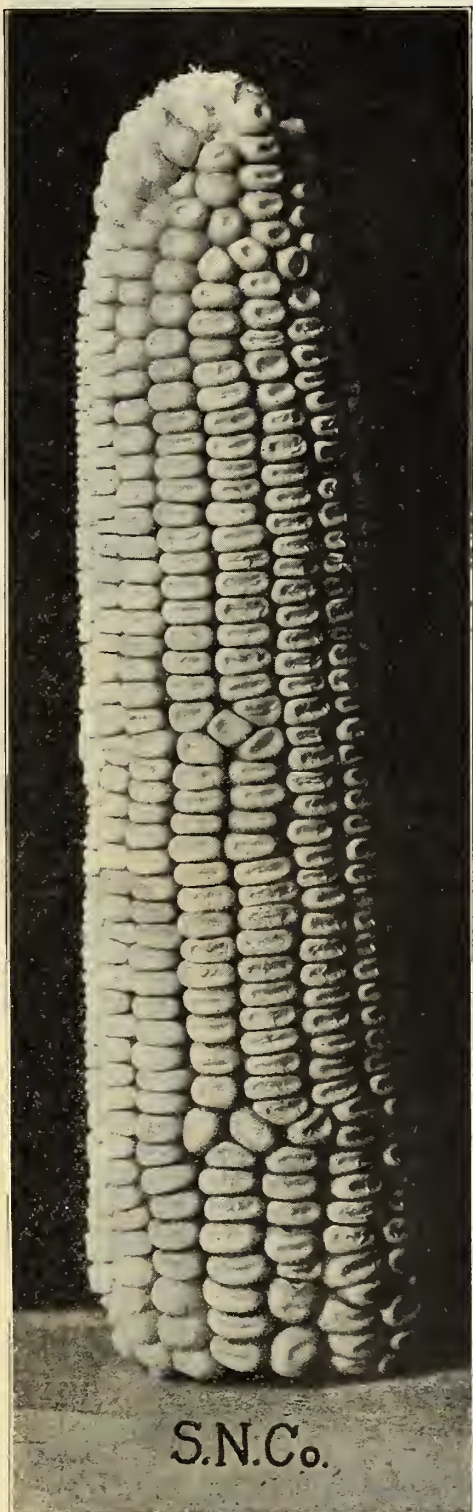
"The best seed corn is none too good and skimping a few cents on the price of seed corn is mighty poor business."

FODDER CORN

In many respects Fodder Corn is in a class distinctly its own standing out as an exceptional winter feed, now the foremost ration of the great West, made world famous with the introduction of the silo. Every farmer should have some Fodder as an insurance crop.

For Montana conditions we recommend either Northwestern Dent or Pioneer White Dent as each supply abundant tonnage and are early enough in practically all Montana's cultivated areas to produce ears to the glazing stage which is the ideal stage for Fodder purposes.

We have a special lot of Pioneer White Dent very slightly mixed with Northwestern Dent and Minnesota No. 13 which we are offering as Fodder at a reduced figure. See price list page 112. It will serve equally well for either maturing grain or for Fodder purposes but because of the slight mixture we cannot offer it as a straight variety.



Type of Fodder Corn

SEE PAGE 112 FOR PRICES

STATE NURSERY SEED CORN

ADAPTED STRAINS
HIGHLY YIELDING—DEPENDABLE

HOME GROWN
NONE BETTER

GOOD GERMINATION
KNOW IT WILL GROW

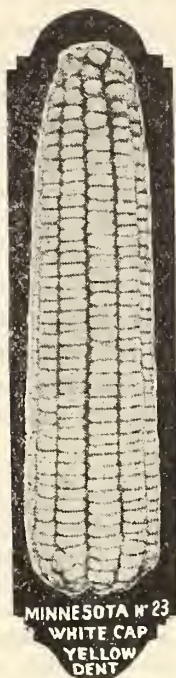
We have taken special care and have spared neither time nor effort in the selection of our seed corn stocks. Our representative makes personal inspection and investigations and obtains the cooperation of the county agent for recommendations and history of approved seed corn stocks.

We pay particular attention to selecting the earliest strains of each variety offered. Especial emphasis is given to type, yield and germination.

We thus reduce your risk, increase your yields and for ourselves obtain a booster and a customer for years to follow. The benefit becomes mutual.

NORTHWESTERN DENT

Northwestern Dent is generally conceded to be the most popular variety in the semi-dent class. It is not only early maturing but is an excellent yielder in grain production or from a silage standpoint in tonnage per acre. Under average conditions in Montana it matures in from 85 to 100 days. We are offering both the Amenia Strain and a Montana selection of the Will strain. The Amenia strain is not so uniform in color, showing signs of some earlier crossing with Minnesota 13. Both of our strains have been selected on account of their uniform performance in tests over the state. Our Montana selection of the Will strain is more uniform in color, possibly just a trifle earlier, while the Amenia usually outyields the Will strain especially under the more favorable conditions.

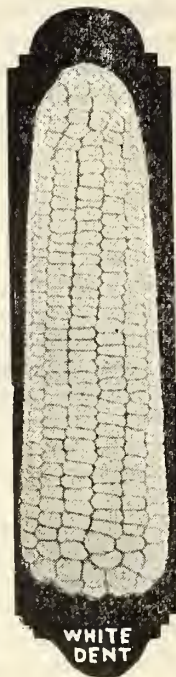
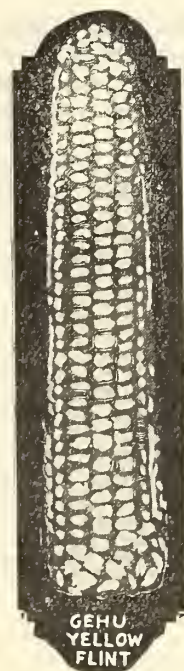


MINNESOTA 23

Minnesota 23 is a white capped yellow dent. Our seed should not be confused with the mixed late strains of this variety commonly offered. Our stocks have been produced from the popular certified Coleman early and Typey strain. It is one of the very earliest of the semi-dent group, maturing in from 85 to 95 days. It is non-suckering, carries ears at a convenient height for the harvesting and is a good yielder. Fast gaining over the other semi-dents in popularity, especially under slightly unfavorable conditions.

MINNESOTA 13

Minnesota 13 has rightfully earned its high rank as a Montana corn. It yields well and matures early, altho not quite as early as the other dents or semi-dents mentioned, its average being from 90 to 105 days, which makes it safe as a Montana corn under anything like normal years. The strain we offer has been a remarkable yielder and for the past seven years has matured at an altitude over 3400 feet. This corn is popular, due to its being practically non-suckering and is especially popular under the more favorable conditions and for silage purposes.



WISCONSIN 25

Wisconsin 25 is an extra early Yellow Dent developed by the Wisconsin Experiment Station at one of its northern sub-stations.

The strain we offer is a Montana selection, having been successfully matured here for a number of years.

Wisconsin 25 closely resembles Minn. 13 in appearance and yield, but on the average is from 7 to 10 days earlier maturing than Minn. 13. Its average length of maturity being 90 days.

THE BEST VARIETIES OF POP CORN

White Rice—A very productive variety. Ears short, kernels long and pointed. A splendid popping sort, and the most saleable among the retail dealers.

Japanese Hulless—A comparatively new variety of White Pop Corn. Grows about 5 feet tall and bears two or three ears per stalk. Dries out quickly, and ready for popping soon after husking. Very popular because it is almost hulless with no hard center when popped.



PIONEER WHITE DENT, or RUSTLERS WHITE DENT

This is now recognized under the general name of Pioneer White Dent and is the earliest of the true dent varieties, maturing in from 85 to 95 days under average Montana conditions. It is not only a dependable grain producer but also a fair silage producer if desired for that purpose. It is predicted that Pioneer White Dent will be more in demand than usual after the very favorable showing made during the past year under most unfavorable conditions. Our stocks are from popular Montana strains.

EARLY FLINTS

The two flints for Montana are unquestionably the Gehu Yellow and the North Dakota White. The Gehu which is a product of crossing the Mercer and the Dakota White Flint is perhaps a trifle the earliest, but experience proves a slight advantage in point of yield for the North Dakota White. The two are very close competitors. Unquestionably the earliest of our standard varieties. These corns are dependable high yielders of ear corn and are especially resistant to drought. They mature in from 70 to 90 days. Popular for hogging off.



SEED POTATOES

This year we are listing several varieties of potatoes all of certified stock and of exceptional quality. For several excellent reasons all farmers should plant a fair acreage for in addition to the farming benefits to the land they are frequently, as this year, a financial advantage. Potatoes also make excellent food for certain classes of stock, hence when market prices are low they are a food asset to the farmer. The view on the back cover of this catalog forcibly demonstrates the care that is now being exercised in the production of good seed stock. This is one of our fields being inspected by Mr. William Stuart, Potato Expert, Horticultural Dept., Washington D. C.; Mr. William Morris, State Horticultural Dept., Bozeman, Montana; Mr. Tom Herrin, President Montana Potato Growers' Association; Mr. W. P. Stapleton, Northern Pacific Agricultural Development Agent; Mr. L. DeVore, County Agent, Lewis and Clark County. Our customers may therefore feel assured that our stock being offered at this time is of the finest, having been harvested under ideal conditions, and produced from stock practically free of disease.

500 to 700 lbs. of seed potatoes are required per acre when rows are 3 feet apart, and 16 to 18 inches apart in the rows.

CULTURE—Potatoes can be grown in any soil provided it is well drained, but if grown on sandy, rich soil, they will be of better quality than if planted on clay soil. On light soils, early varieties may be planted three or four inches deep and late varieties four or five inches deep. Early varieties are planted any time after the middle of April, but there is danger of their being caught by frost if planted before May 15. The cut seed should be as blocky in shape as possible, long pieces are more likely to rot in the ground.

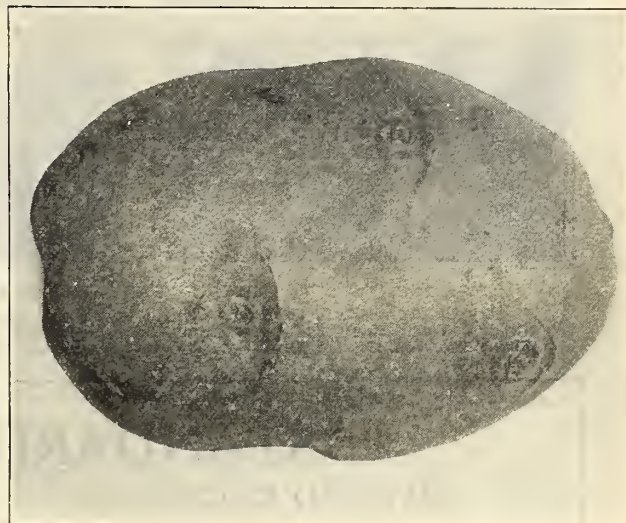
TREATMENT—We recommend either of the following treatments of seed potatoes to prevent scab, blackleg, etc., as follows: Formaldehyde 40 per cent, Commercial solution 1 pt.—Water 30 gallons. Soak the potatoes in this solution for two hours and spread out to dry about two hours before planting. Corrosive sublimate Treatment. Dissolve four ounces of Corrosive Sublimate in hot water, and dilute to thirty gallons. Leave uncut potatoes in this solution for ninety minutes, then remove and dry. Add one half ounce of dissolved Corrosive Sublimate for each five bushels treated. **Remember that Corrosive Sublimate is a deadly poison and that the potatoes treated in it are poisonous.** The solution however will not hurt the hands. Do not use metal containers for the solution.



Bliss Early Triumph

TRIUMPH

This beautiful variety combines the wonderful productiveness of the Peerless with all the good qualities of the Early Rose. Tubers are medium size, round, and uniform in shape, with but few small ones; eyes slightly depressed; color a beautiful light red. Its beauty, productiveness, and good qualities in general make it one of the best early market varieties, bringing highest prices on account of its appearance.



EARLY SIX WEEKS

The most profitable potatoes for the northwestern planters are the early varieties. Market Gardeners regard the **Early Six Weeks** as the earliest of all. Good table potato and a wonderful yielder. It is ready for market in six weeks, and matures in 72 days—two weeks ahead of most varieties.

This Potato is a dark, brownish pink in color, is of medium size oval and slightly flattened in shape, skin is smooth with a few netted spots at one end, eyes of medium size and shallow. This variety has proven very popular. Because of the vigorous growth which it makes, and the earliness with which it matures, the **Early Six Weeks** has proven a very popular Potato for the early season crop. Our stock has been carefully selected for early maturing qualities.

EARLY OHIO

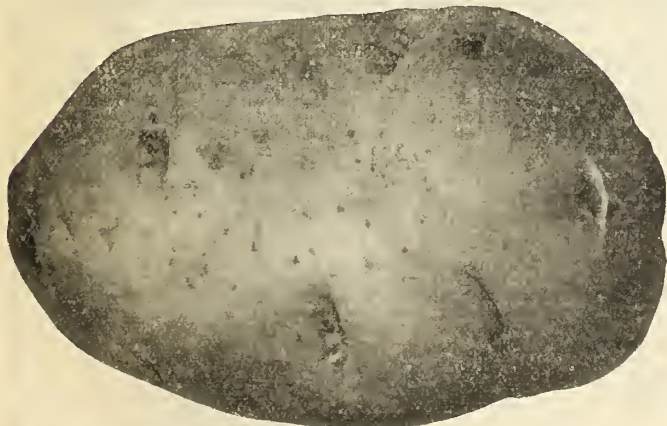
The **Early Ohio** Potato is so generally known that it requires no extended description. It is more popular than any other variety, as shown by the greater number of sales for seed stock. The early Ohio can most always be depended upon to give a satisfactory yield, for even in localities where climatic conditions are not suited for the production of a late season crop of Potatoes, the **Early Ohio** can be planted early and will develop before the hot dry weather begins. Taking the country over, there is no Potato which meets with such universal satisfaction as does the **Early Ohio**, and this extra selected seed stock which we are offering you is the best that can be secured. It will ripen a week earlier than your home grown **Early Ohio**s, and will produce a much larger yield, of smoother, larger-sized Potatoes. Every bushel is backed by our Absolute Guarantee and if not perfectly satisfactory return them and your money is waiting for you.

NETTED GEM

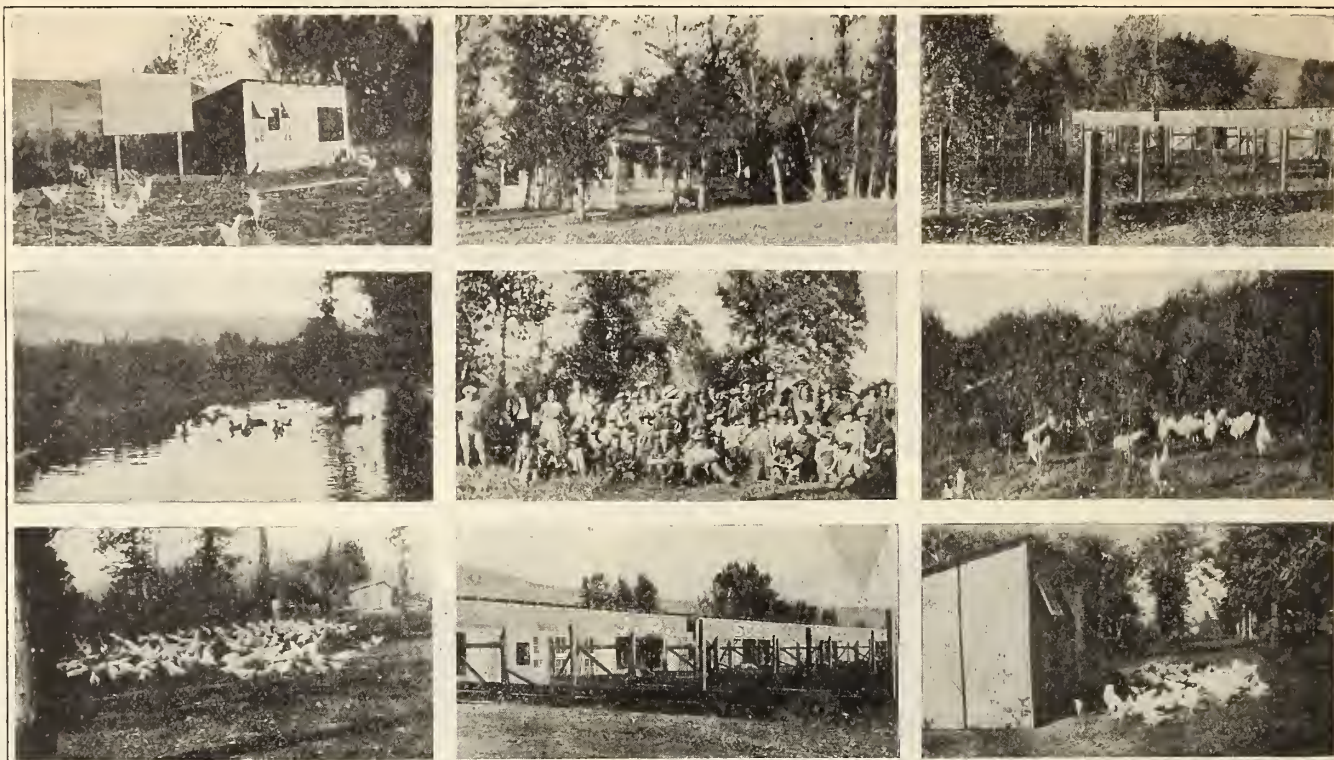
Sometimes called the **Russet Burbank**. A splendid main crop late potato with brownish russet skin, flesh white, shallow eyes, rather long shape. **Netted Gem** is an excellent yielder, very regular in size, and is unsurpassed as a baking potato. The tubers present an excellent appearance, and are splendid shippers.

DATE OF SHIPMENT—Potatoes will be shipped at any date ordered, but where no special instructions are given, we will hold order until, in our judgment, there will be no danger of freezing.

The certified varieties listed on page 113 are tagged with the seed growers association tags, thus insuring seed stock approved by them. This gives you an opportunity to secure pure seed, the best in its class.



Early Ohio



Photographic Views at J. R. Scott Poultry Farm

Upper Row—Left to Right—Style of colony houses used, Residence, Breeding House. Second Row—Left to Right—Natural Duck Pond fed by spring. Lewis and Clark County Junior Extension Camp Members visit to Poultry Farm. Third Row—Left to Right—White Leghorns on Free Range, Breeding House, Growing Chix on Open Range.

STANDARD BRED POULTRY

DAY OLD CHICKS

HATCHING EGGS

BREEDING STOCK

THE STATE NURSERY AND SEED CO., has arranged to handle Poultry Stock from the **J. R. SCOTT POULTRY FARM.** Orders may be sent direct to us, and when included with seed and plant orders, should be made out on separate sheet, to insure prompt attention.

Clipping from the Montana Farmer March 15th, 1925

We doubt whether there is a single reader of the Montana Farmer who does not know J. R. Scott and his great flock of White Leghorns. A skilled breeder, an eminently successful show man and a firm believer in the value of persistent advertising backed by dependable stock, "Scotty" has built up one of the greatest poultry plants in the west.

No poultry breeder can make a big, permanent success of his business unless he develops stock that has the stamp of high quality and that will efficiently convert feed into poultry produce under practical farm conditions, and then "tells the world" about his stock through advertising. Good stock will not build business unless you advertise it and, in order to be permanently successful, the stock you advertise must give satisfaction to your customer.

BREEDING STOCK—While the Scott farm is devoted to the production of White Leghorns we are handling other popular breeds and varieties. The additional breeds are grown largely on other farms but the hatching and pedigreeing is done principally at the home plant along careful systematic lines. We ship no stock the origin of which is unknown and are all sold on approval. If they are not perfectly satisfactory in every respect, feed, water and return them and we will refund your money in full.

DAY OLD CHICKS—We will ship chicks any distance which can be reached within two or three days and guarantee safe delivery. We will refund for all dead or crippled chicks providing the same are examined in the presence of the express agent or post office official, and a statement is returned to us, signed by them, showing the number of defective or dead chicks. No complaints will be adjusted unless made within three days. We can not guarantee safe arrival of chicks shipped by stage or to prepay stations although we will do everything possible to insure safe arrival. The Scott hatching plant is the oldest and one of the largest in the state, making first shipments in 1904 when the industry was in its infancy. Thousands of chicks are distributed annually throughout the entire Northwest.

EGGS FOR HATCHING—For all settings costing \$5.00 or more we guarantee every egg to be fertile. All infertile (clear) eggs will be replaced free of charge if returned in the original shipping case, postage or express prepaid, within 10 days from time eggs are set. From all other matings we guarantee 85% fertility under the same rules mentioned above.

ADVANCE ORDERS—We require a deposit of \$3.00 on each 100 chicks. Balance may be paid C. O. D. if sent by parcel post or if there is an agent at your station. We do not pay express or parcel post charges. If there is no agent at your station full payment must be made before shipment. We advise placing your orders early to insure delivery on the dates desired.

PARCEL POST RATES

	First Zone	Second Zone	Third Zone	Fourth Zone
25 chicks	\$.35	\$.35	\$.39	\$.46
50 chicks	.39	.39	.47	.62
100 chicks	.45	.45	.59	.86

Scott's "Utility Beauty" Strain White Leghorns

The one Outstanding Combination, Exhibition and Utility Strain of White Leghorns in the Entire Northwest. Constant Winners for 14 Years. Trap Nested 12 years with Records Over 200 Eggs each at Three Official Laying Contests.

EXHIBITION MATINGS

While we term these matings "exhibition" they are more than the name implies. The females are standard weight hens with egg records from 200 to 250 although many were removed from the laying pens to attend shows in their pullet year. The males are pedigreed birds from highly productive hens capable of winning in the strongest competition. The cream of our production, representing 14 years careful systematic work are in these matings.

MATING NO. 1—Headed by 2nd cockerel State Fair 1925, undeveloped at time of showing but a better bird than our Sweepstakes cockerel at same show. Sired by 1st Cock State Show Jan. 1924. Mated to 12 of the best hens we have.

Price Eggs—March 1st to May 1st 75c each; May 1st to July 1st 40c each; **Chicks**—March 1st to May 15th \$1.50 each; May 15th to July 1st 75c each.

MATING NO. 2—Headed by 1st Farm Flock Cockerel State Fair 1925, also 1st cockerel Midland Empire Fair 1925. Son of cockerel heading last seasons Mating No. 1 and Hen 974 having record of 241 eggs.

Price Eggs—March 1st to May 1st 50c each; May 1st to July 1st 25c each. **Chicks**—March 1st to May 15th, \$1.00 each; May 15th to July 1st 50c each.

MATING NO. 3—Headed by Sweepstakes Cockerel State Fair 1925. Sired by Sweepstakes cockerel State Fair 1922 heading Special Egg Producing Mating No. 5 last season. Dam of sire layed 225 eggs and attended three shows in 14 months.

Price Eggs—March 1st to May 1st, Three for \$1.00; May 1st to July 1st 25c each; **Chicks**—March 1st to May 15th 50c each; May 15th to July 1st 35c each.

SPECIAL EGG RECORD MATINGS

MATINGS NO. 4, 5 and 6—These matings are made especial for egg production, using hens with records from 200 to 277 eggs each in 12 months. Records made under ordinary breeding conditions on our own farm with no artificial lights or heat. The males are from dams with records close to the 300 egg mark and whose grand dams were 300 egg birds. They are of good size, fair type and carry the blood lines of the very best egg producing strains in the entire country.

Price of Eggs and Chicks from Matings No. 4, 5 and 6.
Eggs—Feb. 15th to May 1st \$5.00 per 15; \$12.00 per 50; \$20.00 per 100; May 1st to July 1st \$3.00 per 15; \$7.00 per 50; \$12.00 per 100.

Chicks—March 1st to May 15th. Less than 25, 50c each; \$11.00 per 25; \$20.00 per 50; \$35.00 per 100. May 15th to July 1st \$7.00 per 25; \$13.00 per 50; \$25.00 per 100.

UTILITY BEAUTY MATINGS

MATINGS No. 7 to 15 inclusive—These matings consist of 25 to 30 females and two males each. They are select trap nested birds and carry the same blood lines as our very best matings. In fact some of the very best birds we raise come from them and their popularity has constantly increased.

Price Eggs—Feb. 15th to May 1st \$3.00 per 15; \$7.00 per 50; \$12.00 per 100. May 1st to July 1st \$2.00 per 15; \$5.00 per 50; \$10.00 per 100.

Chicks—March 1st to May 15th \$7.00 per 25; \$13.00 per 50; \$25.00 per 100. May 15th to July 1st \$6.00 per 25; \$10.00 per 50; \$20.00 per 100.

J. R. Scott, Helena, Montana.

The pullets we raised from the chicks purchased from you last spring are doing so well that we want 1,200 more (single comb white leghorns) next March 15th to 20th. From the 354 pullets we have been getting over 200 eggs daily and they are still increasing.

Manhattan, Mont., Dec. 3rd, 1925

W. J. HARTMAN.

UTILITY MATINGS

Our Utility or Flock Matings have always been kept at a high standard and this year finds us with a larger number of select trapnested one and two year old breeding hens than we have ever had before. All cull and low producing hens have been removed as well as the undersized birds not coming up to standard weight. The male birds heading these matings are deep breasted, wide backed fellows from our special matings and carry the bloodlines of the heaviest egg producing families in the entire country.

PRICE FOR EGGS

Feb. 15th to Apr. 15th, \$2.00 per 15; \$5.00 per 50; \$10.00 per 100; \$90 per 1,000.
Apr. 15th to May 15th, \$1.50 per 15; \$4.00 per 50; \$8.00 per 100; \$75 per 1,000.
May 15th to July 1st, \$1.00 per 15; \$3.00 per 50; \$6.00 per 100; \$60 per 1,000.

PRICES FOR CHICKS

March 1st to May 1st, \$6.00 per 25; \$10.00 per 50; \$20.00 per 100; \$190 per 1,000.
May 1st to June 1st, \$4.00 per 25; \$7.50 per 50; \$15.00 per 100; \$150 per 1,000.
June 1st to July 1st, \$3.00 per 25; \$6.00 per 50; \$12.00 per 100; \$120 per 1,000.

With all orders for 500 eggs we will include 50, and with orders for 1,000 eggs we will include 100, Utility-Beauty eggs each bearing the hen and pen number.

With all orders for 500 chix we will include 50, and with orders for 1,000 chix we will include 100, Toe marked Utility-Beauty Chix.

MAMMOTH BRONZE TURKEYS

Eggs for hatching—From Special Mating \$1.00 each; Flock Mating 50c each.

Breeding Toms and Hens—Splendid size and color from prize winning birds \$8.00 to \$15.00 each.

NOTICE—When ordering less than six turkey or goose eggs or less than eight duck eggs add 50c for basket and packing.

TOULOUSE AND EMBDEN GEESE

For four consecutive years our geese have been the leading winners at the Montana State Fair.

Breeding Birds—\$5.00 to \$10.00 each. Eggs 50c each.

PEKIN, WHITE INDIAN RUNNER AND MALLARD DUCKS

We have Pekin drakes heading our matings weighing up to 10 lbs. each. Splendid typed Indian Runners.

Breeding Birds—\$2.50 to \$5.00 each. Eggs 25c each.

PEARL GUINEAS

Excellent colored birds with no solid white in flights or any other part of plumage. Good for table use. Sometimes sold at hotels and restaurants for quail.

Breeding birds—\$2.00 to \$3.00 each. Eggs 25c each.

PIGEONS

Red and Splashed Carneaux. White King and White Homers.
Price, \$2.00 to \$5.00 per pair.

We can furnish you with breeding stock and eggs for hatching, also day old chicks from most of the following breeds and varieties. They come from select high grade matings and are sold under our guarantee of satisfaction or your money back.

Barred, White and Buff Plymouth Rocks.

Rose and Single Comb Rhode Island Reds.

White Wyandottes.

White and Buff Orpingtons.

Light Brahmas.

Single Comb Brown Leghorns.

Single Comb Anconas.

Silver Campines.

Black Minorcas.

Jersey Giants.

Eggs \$3.00 and \$5.00 per 15.

Baby Chicks, 20c to 50c each.

If we haven't the breed you want we will help you get it.

PRAATT'S

POULTRY AND ANIMAL REMEDIES AND SUPPLIES

WE CARRY A COMPLETE LINE OF POULTRY REMEDIES, ETC., WHICH ARE ABSOLUTELY THE BEST THAT EXPERIENCE CAN SUGGEST OR MONEY CAN BUY. IT WILL PAY YOU TO BUY THEM.

PRAATT'S POULTRY REGULATOR AND EGG PRODUCER

"Helps Make Hens Lay"

Contains all the necessary elements in accurate and scientific proportions that hens need for egg making. It builds up vitality and stimulates egg production. Poultry Regulator is used by the most successful poultry raisers everywhere. Perfectly pure and free from harmful substance. Price 20 oz. 30c; 4 lbs. 65c; 12 lb. sack, \$1.50; 25 lb. sack, \$3.00; 100 lb. drum \$11.00.

NOTICE—If wanted by mail add postage.



PRAATT'S LICE KILLER POWDER

One of the most perfect lice killers especially valuable for use on young chicks and sitting hens. It rids horses, cattle, hogs, dogs and cats of lice, also ticks on sheep. It is thoroughly effective as a destroyer of vermin and absolutely harmless to the chick.

Price, 1 lb. 30c, postpaid 37c; 2½ lbs. 60c, postpaid 72c; 6½ lbs. \$1.20, postpaid \$1.42.

PRAATT'S HEAD LICE OINTMENT

Thousands of little chicks are killed each year by head lice. Pratt's Head Lice Ointment is a carefully prepared non-poisonous article and is instant death to the murderous lice, while it is absolutely harmless to the little chick. Price, box 35c, postpaid 40c.



SPECIAL COMPOUND FOR CHOLERA

Cholera creates a continuous and violent desire for water. For the treatment of cholera, indigestion, bowel trouble, and all kindred troubles in chicks or grown fowls this remedy is excellent. As cholera is very contagious, Cholera Remedy should be kept on hand by every one who raises little chicks.

Price 25c; postpaid 28c.

PRAATT'S HEALING OINTMENT

Injuries of any kind are healed naturally and permanently, and pain quickly relieved by applying Pratt's Healing Ointment. Sores, cuts, scratches, wounds, burns, barbwire cuts, as well as skin eruptions, eczema and itching are quickly cured. Corns, harness and saddle galls disappear in short order. You should have this ointment handy at all times. Price, tubes 30c, postpaid 33c.



PRAATT'S CONDITION TABLETS

An easy and effective remedy for "run-down" birds. Keeps show birds in condition and prevents colds, roup and liver trouble. Price, 25c, postpaid 27c.



PRAATT'S GAPE COMPOUND

Millions of chicks are lost every year through "gapes". A little red worm in the wind pipe, which cause death by strangling. Pratt's Gape Compound is the most effective guaranteed method of treatment known. Gives sure and quick relief. Price 30c, postpaid 33c.

PRAATT'S BOOKS FREE

BABY CHICKS—How to feed and care for them.
PRACTICAL POINTERS—On the care of live stock and poultry.
CHASE THE FLIES—Pratt's Disinfectant.

WHITE DIARRHOEA REMEDY

"The Baby Chick Life Saver"

This is one of the greatest chick life savers ever put on the market. Thousands and thousands of little chicks die each year from the fatal white diarrhoea. It carries off from 60 to 75 per cent of all chicks hatched. Pratt's White Diarrhoea Remedy in the drinking water kills the specific organism which cause the disease, and saves the hatch. Used as a preventative when hens are laying, because it will prevent this deadly organism from developing in the egg. If a hen is used for hatching give her Pratt's White Diarrhoea Remedy in the drinking water so there will be no chance of infection from droppings. This is preventative treatment.

Price 25c, postpaid 27c. Large size 50c, postpaid 53c.



PRAATT'S ROUP REMEDY

This wonderful remedy is used in every civilized country in the world. The reason is it cures. It is for fowls that sneeze, gasp and wheeze, also for those having a watery discharge from the nostrils and eyes. It prevents colds and is excellent for turkeys. Pratt's Roup Remedy will save your fowls and make them profitable. In powder or tablet form.

Price 25c, postpaid 28c. Large size 50c, postpaid 56c.

PRAATT'S SCALY LEG OINTMENT

This disease is caused by a parasite working underneath the scales of the feet and legs, often making it difficult for the bird to walk. Scaly leg is contagious, and while not fatal, is injurious to the bird and its sale value as well as its usefulness. It is simple to apply and is guaranteed to cure. It is also excellent as a dressing for the feet and legs of show birds, increasing their "point" value and putting them in the very best possible condition as prize winners. Price 35c, postpaid 40c.



PRAATT'S ANIMAL WORM POWDER

Is a special preparation for the destruction of all kinds of worms in horses, cows, hogs and sheep. It is purely vegetable and is unquestionably the quickest, surest and most thorough worm destroyer procurable. Price, 50c, postpaid 57c. Large size \$1.00, postpaid \$1.10.

PRAATT'S POULTRY WORM POWDER

For use in the treatment of Round Worms, Tape Worms, and other Intestinal Worms of Poultry. Thousands of chickens, young and old, are lost annually through the ravages of worms. One chicken saved will pay for sufficient powder to treat a large flock. Powerful, efficient, easy to use. Price 25c, postpaid 27c. Large size 50c, postpaid 52c.

PRAATT'S COW TONIC

Cow tonic increases the milk supply and makes it rich in butter fat. Cow tonic enables the cow to turn more of the feed into milk and keep up the full flow for a much longer period. It is a positive remedy for scours. A wonderful all round tonic. Price 2 lbs. 65c, postpaid 77c.

PRAATT'S RED MITE SPECIAL

Is the most powerful liquid lice killer and mite destroyer ever put on the market. Painted and sprayed around the poultry house according to directions it will keep it free of these blood-sucking pests. Economical, powerful, non-poisonous, safe, sure and guaranteed. Few liquid lice killers are effective against red mites, ticks, fleas, etc. Pratt's Red Mite Special knocks them all. Quart 75c; ½ gal. \$1.25; gal. \$1.85.



Liquids Cannot be Sent by Parcel Post.

PRAATT'S BUTTER-MILK BABY CHICK FOOD

PRAATT'S BUTTER-MILK GROWING MASH

See
Page
122



Blatchford's Products Sold and Recommended by State Nursery and Seed Co.

Helena, Montana



Baby chicks are very delicate and must be fed on easily digested materials. Poor feeding is responsible for the largest percentage of deaths among chicks. Blatchford's chick mash is an easily digested mixture of all the necessary materials for the support of life and rapid growth and development of your chicks. This one feed is a starter, grower and developer all combined in one. If you want broilers in 8 to 12 weeks or fully developed birds in 4 to 6 months raise your chicks on Blatchford's.



Are you getting the greatest possible number of eggs from your hens? The answer is no unless you are using the best grade of Egg Mash. Blatchford's "Fill the Basket" Egg Mash is a scientifically prepared feed which supplies your birds with just the right balance to their ration so that they can properly produce the eggs they should. Use this feed and get eggs the year round.

You can raise calves without milk. Blatchford's Calf Meal, originated over 125 years ago, is still showing its superiority as the one best milk substitute for calves.

	25lbs.	100lbs.
Blatchford's Calf Meal	\$1.60	\$5.90
Blatchford's Pig Meal	1.60	5.90
Blatchford's Egg Mash	1.45	5.00

	25lbs.	100lbs.
Blatchford's Chick Mash, 10 lb. sack 75c	\$1.60	\$5.90
Blatchford's Lamb Meal	1.60	5.90
Blatchford's Rabbit Meal, 5 lb. pkt. 50c	1.60	5.90

NOTICE—IF WANTED BY MAIL ADD POSTAGE

FREE BOOKS Blatchford's Calf Meal
Blatchford's Pig Meal

PRICES SUBJECT TO CHANGE

Blatchford's Egg Mash
Blatchford's Chick Mash

Blatchford's Lamb Meal
Blatchford's Rabbit Meal



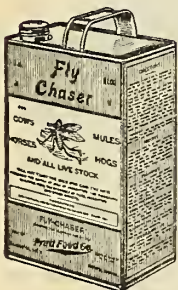
PRATT'S POULTRY DISINFECTANT

This disinfectant is a real wonder worker, a quick, effective germicide, insecticide and deodorant. It is unsurpassed for effectiveness in stables, barns, poultry houses and yards and for use on dogs, cats and pets generally. Its pleasing clean odor makes it admirable for household use. Considered the best disinfectant on the market today. Price, quart, 70c; ½ gal. \$1.20; gal. \$1.85.

PRATT'S FLY CHASER

(New Improved)

Why let your animals suffer needless torment from flies all summer long. Your cows waste time when standing in the pond or rushing through the underbrush trying to escape the constant torture of flies, mosquitoes and other winged pests. Your horses will do more work when relieved from fighting flies and save your time and trouble. Fly chaser does not injure hair or animal when used as directed. Fly Chaser should be used in every stable and every barn. Price—½ gal. \$1.10; 1 gal. \$1.85.



Liquids Cannot be Sent by Parcel Post

BIRD SEEDS

S. N. & S. Co.'s BIRD SEED MIXTURE—Has become famous for its superior quality. We use nothing but the freshest high-grade seed free from mustiness and dust. These seeds are particularly relished by canary birds, etc. Put up in 1 pound lithographed cartons.

PRICES SUBJECT TO CHANGE

	Postpaid		By Express or Freight At purchaser's expense		
	1lb.	2lbs.	5lbs.	10lbs.	25lbs.
BIRD SEED MIXED	30c	55c	\$1.00	\$1.75	\$4.00
CANARY—Best Sicily	30c	55c	1.00	1.75	4.00
HEMP—Best grade	25c	45c	.85	1.50	3.50
BIRD RAPE—For birds.....	30c	55c	1.00	1.75	4.00
MILLET—For Birds	15c	25c	.50	.85	.....
LETUCE SEED—For birds 15c	25c	50c	.....	.....	.....
BIRD SAND OR GRAVEL.....	18c	35c	.50	.....	.....

CUTTLE FISH BONE—Large piece, 5c; ¼ lb. 20c; 1 lb. 55c; P.P.

ROYAL PEARL CHIPS—for aquariums and bulb bowls, per box 25c; postpaid 32c.

NOTICE—For Pratt's Buttermilk Baby Chick Food See Page
For Pratt's Buttermilk Growing Mash 122

Conkey's

POULTRY REMEDIES

Conkey's Roup Remedy, For sneezers, 30c, 60c and \$1.20, postpaid.
Conkey's Cholera Remedy, 30c and 60c postpaid.
Conkey's Roup Pills, for Roup, Colds, Catarrh, etc., 30c and 60c postpaid.
Conkey's Limber Neck Remedy, 65c, postpaid 70c.
Conkey's Scaly Leg Remedy, 30c, postpaid.
Conkey's White Diarrhoea Remedy, 60c, postpaid.
Conkey's Lice Fix (Ointment), Easy to apply. Sure in results. 30c and 60c, postpaid.
Conkey's Blackhead Remedy, 60c postpaid.
Sulphur Fumigating Candles, 15c each. Dozen \$1.65 postpaid.

DR. HESS POULTRY REMEDIES

Dr. Hess White Diarrhoea Remedy, 25c, 50c, postpaid.
Dr. Hess Roup Remedy, 25c, 50c, postpaid.
Dr. Hess Lice Killer, 1 lb. 30c, postpaid 35c. 2½ lb. 60c, postpaid 70c.
Dr. Hess Poultry Panacea, Helps to keep poultry healthy and to make hens lay. The Dr. Hess Poultry Panacea should be fed regularly the year round if you would obtain the best results from your flock. It is an excellent tonic for moulting time, is an egg producer, is an economical and highly satisfactory food. Price 1½ lb. 30c, postpaid 40c; 3 lbs. 60c, postpaid 75c; 7 lbs. \$1.25, postpaid \$1.45; 25 lbs. \$3.50, postpaid \$4.10.

LEE'S GERMOZONE

A tonic; a bowel regulator; a system builder. The best preventive and cure for Roup, Cholera, Bowel Complaint and most other poultry diseases. In more general use today than any other poultry medicine ever manufactured. Given twice a week in the drinking water to all fowls. It keeps them in prime condition. No poultryman should ever be without Germozone. Put up in tablets. Price, 25c, postpaid 27c. Large size 75c, postpaid 78c.

ANT KILLER

**A VERY EFFECTIVE AND MUCH NEEDED PRODUCT
FOR USE EVERYWHERE**

Suggested Directions

Sprinkle a small quantity of the Key Brand Ant Killer around the ant holes. The ants carry the preparation into their holes, where they eat it and die. A very small quantity will quickly kill off an entire colony.

When the preparation is to be used on Lawns, Sports Turf, Golf courses, etc., where the ant holes are not visible, it should be placed on small boards in the locations where the insects congregate, moving the boards frequently, so that the grass beneath them will not die out. Also be careful not to spill any of the KILLER on the grass, as it will burn the grass.

Packed only in Individual Improved Containers. Price 50c, postpaid 60c. \$5.50 per dozen by express.

State Nursery and Seed Company's

PEERLESS POULTRY AND DAIRY FOODS

Our poultry and dairy foods are made up almost entirely of Montana grown products which generally are of superior quality to those of the East.

They are properly and scientifically balanced for productive results. It is, for example, no more reasonable to expect your hens to labor satisfactorily on a straight wheat diet, than for you to do so on a straight potato diet.

We wish to call your attention to our mashers, Peerless, Pratt's and Blatchfords. You may ask, "Why feed a mash?" Because all food eaten by the hen must be ground either in the hen's gizzard, or before it is given her. You can greatly increase her laying capacity by the help of the mash. It also is possible to get her to consume food of higher protein content in the mash.

If you are a large consumer of poultry or dairy feed write for quantity prices.

PEERLESS HEN SCRATCH FEED

A combination of seven varieties of grain in the proper proportions to make a well balanced ration. Makes necessary the very important factor—exercise—for a laying hen.

In addition to all scratch feeds should be fed a dry mash of high protein content, such as our Peerless Egg Mash, or Blatchford's Egg Mash.

PLACER HEN SCRATCH FEED

A slightly lower and cheaper grade. An excellent combination of grains, but not containing the variety of our Peerless brand.

PEERLESS LITTLE CHICK SCRATCH FEED

For Chicks Three Weeks Old or Over

A combination of only the best grade of carefully cleaned grains, so proportioned as to promote growth of frame. Should be fed with Pratt's Buttermilk Chick Mash.

PEERLESS GROWING RATION

For use between ages of 3 weeks and 8 weeks

Contains the same elements to produce growth as the Baby Chick Scratch, but is of larger size. Should be fed with Pratt's Growing Mash.

PEERLESS DEVELOPER SCRATCH FEED

For use from 8 weeks of age to near maturity

Still larger in size than the Growing Ration and containing the proper proportions of the necessary ingredients for birds of that age.

It is best to feed in connection with this either Peerless Growing Mash, or Pratt's Growing Mash.

PEERLESS EGG MASH

It is said that "proof of the pudding is in the eating." Likewise the proof of the quality of our Egg Mash must be in the results obtained therefrom, for we have tripled our monthly volume during the last year.

PEERLESS GROWING MASH

Another mash of our own manufacture, for use from about 8 weeks to maturity. The idea of many poultrymen is to taper off gradually from Pratt's to Peerless, having the birds on straight Peerless at the age of 2 months, as Peerless is lower in price. It is manufactured from the highest quality of clean, pure products compounded to stimulate growth of frame.

PEERLESS FATTENING MASH

A good fattening food contains a high percentage of nitrogen—free extract (the starches and sugar in feed) which is the real fattening material.

In preparing our Peerless Fattening Mash we have taken special care to use only the ingredients that are palatable and easily digested.

For quick results it is necessary that the fowls eat and digest the largest quantity of the proper food. It is also quite necessary for the most economical and quickest results to pen up the fowls very closely.

CRUSHED BONE

contains lime, phosphoric acid, protein and fat, all of which are indispensable in the manufacture of the egg. Phosphoric acid being necessary for the egg yolk and protein for the white, or albumen.

GENUINE CRUSHED OYSTER SHELL

The absence of carbonate of lime in the hen's diet causes either a soft-shelled egg, or no egg at all. A hen must have all the necessary parts to turn out a complete product, just as any other manufacturer.

THE VALUE OF PROPERLY MIXED OR BALANCED FOOD STUFFS

While an argument of somewhat similar nature could be used in connection with feeding a dairy cow, due to lack of space we shall use the hen as an example, believing that it will "put across" the proper idea and cause some worth while thinking.

Please bear in mind that the hen is an honest manufacturer and will make a complete egg or none at all. A poultry food containing 50% lime, or one containing 90% protein will not be a balanced ration.

A feed formula without thought of balancing would not be good for this reason; there is sufficient material in 10 pounds of corn to produce 26 yolks and 13 whites, and in 10 pounds of wheat to produce 24 yolks and 16 whites. Add these together and we find a 20 pound mixture of wheat and corn would make 50 yolks and only 29 whites. If we were to add to this 10 pounds in ingredients which would make 10 yolks and 31 whites, we would have a balanced ration, providing enough lime were used to make 60 shells.

Remember it is impossible for your hen to produce up to full capacity, unless you supply her with the materials.

We carry the best. Read carefully the above page containing the list and many descriptions.

Our feed business is rapidly increasing because our customers actually find our feeds are an economical and a paying investment.

PRATT'S BUTTERMILK BABY CHICK FOOD

"JUST WATCH THEM GROW"



Should be fed the first three weeks. It is essential to the nourishment of chicks that they be fed with food that can be thoroughly and easily digested. Baby Chick Food is balanced to suit the needs of chicks from the day they emerge from their shells. It will raise more chicks than any other food. Price 2½ lb. pkg. 30c; 5¼ lb. pkg. 60c; 5 lb. bag 45c; 10 lb. bag 85c; 14 lb. bag \$1.10; 25 lbs. \$1.75; 50 lbs. \$3.15; 100 lbs. \$6.00, F. O. B. Helena.

NOTICE—If wanted by mail add postage.

PRATT'S BUTTERMILK GROWING MASH

An ideal food for growing youngsters. The bone, muscle and feather builder, contains the proper ingredients to make bone, muscle, and good red blood.

25 lbs. \$1.40; 50 lbs. \$2.65; 100 lbs. \$5.00. F. O. B. Helena.

NOTICE—If wanted by mail add postage.

SUNFLOWER SEED

of which the oil content is the chief element. Aids in plumage growth but should not be fed heavily except as an aid to hasten moulting.

SWIFT'S MEAT SCRAPS

come in three grades known as "Regular" or slightly coarse; "Fine Meat Scraps" for mashers, and the "Meat Meal".

The Regular and Fine contain 50% or better, protein. The Meal 44% protein.

CHARCOAL

contains the digestive and purifying elements. Acts as a necessary natural regulator.

GRIT

Almost serves as a substitute for the hens lack of teeth, aiding in mastication and assimilation of food.

We always send hen size unless otherwise ordered.

POULTRY AND DAIRY FEEDS

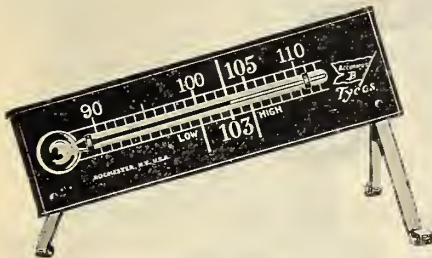
FOR PRICES—SEE PAGE 112

Dairy Ration
Bran and Shorts
Bran
Middlings, Shorts
Corn, Whole Yellow
Corn, Cracked
Corn Meal
Oats, Whole
Oats, Ground
Rye, Whole Feed
Rye, Ground
Sunflower
Oyster Shell, Ground
Charcoal
Hen Scratch, Peerless
Hen Scratch, Placer
Developer
Growing Ration

Wheat, Whole
Wheat, Cracked, meal
Flax Meal, Ground with Oil
Linseed Oil Meal, Pea Size
Cotton Seed Meal
Flour, Low Grade, 140 lb. bags
Swift's Meat Scrap, reg. or fine
Swift's Meat Meal
Buckwheat
Kaffir Corn
Millet
Grit, Hen or Chick size
Bone, Hen or Chick size
Bone Meal
Little Chick Scratch
Egg Mash, Peerless
Growing Mash
Fattening Mash, Peerless

INCUBATOR AND BROODER THERMOMETERS

Many persons using incubators and brooders fail to understand the importance of having a thoroughly tested and reliable thermometer. Many a fine hatch is lost and many a fine brood of chicks killed by using a poor thermometer. Use great care in purchasing a perfect thermometer. Our thermometers are thoroughly tested and accurate, and are guaranteed by the manufacturers.



No. 5770



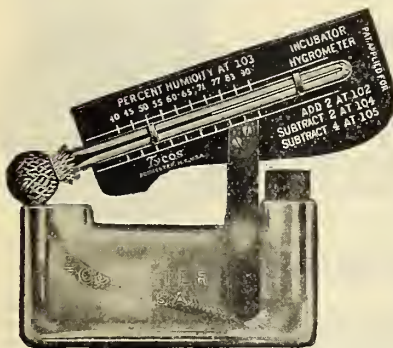
No. 5783



No. 5794

No. 5783 Incubator Thermometer—with stand retested and certified	\$1.15	\$1.25
No. 5770 Incubator Thermometer with legs	.90	.95
No. 5794 Brooder Thermometer Flat, metal fits any Brooder	.65	.75

TYCOS INCUBATOR HYGROMETER



The Tyco's Incubator Hygrometer determines the relative humidity in the egg-chamber of any and all incubators. A practical and satisfactory device for this purpose. Direct readings are obtained instantly without of tables or calculations.

Price, \$1.75, postpaid \$1.85.

Extra silk wicks for Hygrometers 20c each.

CARBOLA

The Disinfecting White Paint

Disinfects and Paints at the Same Time—Saving Labor and Money

A white paint and disinfectant in dry powder form. Use instead of whitewash. Put on with a brush or sprayer. A snow white cold water paint that will not blister, flake or peel off, combined with a germicide 20 times stronger than carbolic acid but neither caustic nor poisonous. Particularly good for use in stables, cow barns, chicken coops, dairies, hog pens, creameries, cellars, factories and outbuildings. Carbola can be applied to wood, brick, stone, cement, plaster, board, tar paper, Etc. or over whitewash or old oil paint that is hard and firm, but not glossy. The mineral pigment used has a greater fire resistance than asbestos. It is apparent that several coatings of Carbola will act as an efficient fire retardant.

A gallon (a pound of powder) covers 200 square feet. For use out of doors add a pound of cheap glue dissolved in hot water for every 10 pounds of Carbola.

Carbola is used and endorsed by thousands of poultrymen, dairymen and breeders, and by many agricultural colleges and experiment stations. Give Carbola a trial—you never will regret it.

Trial Pkg.	Postpaid	20 lbs. (20 gals)	Postpaid
5 lbs. (5 gals) .35	.47	50 lbs. (50 gals) \$3.00	\$3.47
10 lbs. (10 gals) .85	1.05		6.25
200 lb. sacks "By express or freight"	1.50		7.30

IMPROVED CHAMPION LEG BANDS

THE WORLD'S BEST



The oldest and best popular band on the market. This band is made in one piece and is adjustable to fit any fowl. They will stay where you put them. Held by double lock, it is impossible for them to lose off. Made of Aluminum. Price numbered only.

Postpaid

1-12	.....15c	17c
1-25	.....30c	32c
1-50	.....45c	47c
1-100	.....80c	83c

Special numbers to suit, 25c per 100 extra.

VICTOR LEG BAND

Made of aluminum, adjustable, with large black numbers on blue background. A band that is easily attached, and when once on will stay on until removed.

Price

1-12	.....\$ .60	postpaid \$.63
1-25	.....1.20	postpaid 1.23
1-50	.....2.20	postpaid 2.25
1-100	.....4.00	postpaid 4.10



SPIRAL COLORED CELLULOID LEG BANDS

Know Your Hens on Sight



For large and small birds, chicks and pigeons. Mark each bird for its pen. Give each pen a different color. Mark old birds and pullets differently.

Spiral Leg Bands have extra-long lap, making them strong and securing them from coming off.

In six colors—red, green, black, white, yellow, dark blue.

SIZES

No. 5 Pigeons.		(American)
No. 6 Baby Chicks.		Ply. Rocks, Orpingtons.
No. 7 Bantams.	No. 11	R. I. Red, Wyandottes.
No. 8 } Leghorns, Anconas.		Minorcas, Houdans.
} Campines, Buttercup.		Runner Ducks, W. Rocks
} Polish.		(Asiatic)
No. 14 Turkey Hens, Geese.	No. 12	Brahmas, Cochins.
No. 16 Turkey Toms.		Cornish, Langshan.
		Pekin Ducks.
Nos. 7, 8, 11, 12, 14, Postpaid.	Nos. 5 and 6	Postpaid
12 Bands .....\$ .15	12 Bands .....\$ .15	\$.17
25 Bands ..... .30	25 Bands ..... .25	.27
50 Bands ..... .50	50 Bands ..... .40	.42
100 Bands ..... .85	100 Bands ..... .75	.77
500 Bands 3.10	500 Bands 3.00	3.05
No. 16 Turkey Toms—Doz. 20c, postpaid 22c.		
25 .....35c.....postpaid 38c	100 .....\$ .90.....postpaid \$.95	
50 .....55c.....postpaid 58c	500 .....4.25.....postpaid 4.35	

Be sure to order by Number or specify your breed and color wanted. **NOTICE**—Put up in lots of 12; 25; 50 and 100, only.

IMPROVED AMERICAN BABY CHICK PANS

BEST FOR BABY CHICKS



Fit any Mason Jar—Easy to clean.

The American Baby Chick Pans are easy to fill and very easy to clean, will fit any size Mason Jar. Considered the best on the market. They lock by a twist of the wrist.

We sell pans only as Mason Jars are obtainable anywhere.

3 pans Galvanized, 75c, postpaid 77c.

6 pans Galvanized, \$1.25, postpaid \$1.27.

PUTNAM STOVE AND BROODER HEATER—See page 124.

QUEEN INCUBATOR AND BROODERS—See page 126.

ANT KILLER—See page 121.

FLYOSAN—Kills Flies, Mosquitoes, Etc.—See page 126.

LITTLE PUTNAM STOVE

(New Improved)

This is used under the drinking vessels of the poultry house to keep the water from freezing in the coldest winter weather.



The stove is nine inches in diameter and four inches high; made of galvanized iron and equipped with a burner which embodies an entirely new principle in oil combustion. Combustion is complete and perfect, doubling the heat value of oil. The oil tank holds three pints of oil and burns three to four weeks without refilling or any other attention; the wick never needs trimming. This stove is absolutely fire-proof and non-explosive.

The Little Putnam Stove does not furnish hot water to the fowls, but water at that tonic temperature which is best relished by them, and which increases the amount of food digested and assimilated, thus promoting growth and increasing the egg supply. It is absolutely essential that a constant supply of unfrozen water be accessible to the fowls at all times if they are to be kept at the top notch of health and productiveness.

The cost of running the stove the entire winter is but from 20 to 30 cents. The expense for oil to run other heaters runs from 75 cents to \$2.00 per season.

This stove really costs the poultryman nothing because the increased production of eggs during the first month's use will pay for the stove.

Price, \$2.50, postpaid. 3 for \$7.00, postpaid, \$7.25.

Price of parts for Putnam Stove; wick holder 10c each; wicks 20c dozen.

PUTNAM BROODER-HEATER

(New Improved)

This can be used in any home-made brooder. The heater is so constructed that it acts like an open fireplace, carrying the foul air out and drawing the fresh air in, thus providing perfect ventilation automatically.

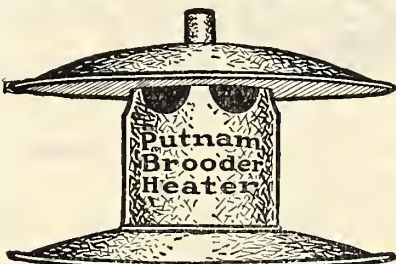
Heat is radiated from above onto the backs of chicks, giving the natural and soothing effect of the hen, without the lice. The brooder heater is made of brass and galvanized iron and is practically indestructible. Every brooder heater is accompanied by easily followed directions for building the home-made brooder.

At no price, high or low, can a brooder be bought so economical of both fuel and labor, so simple and easy to operate, so perfectly ventilated, or one which will so surely raise healthy vigorous birds. This brooder consumes less than a gallon of oil a month.

This fire-safe Putnam Brooder-Heater requires tending only once a week and can be relied upon to deliver a regular supply of heat.

Brooder-Heater, price \$4.75, complete postpaid.

Postpaid price of parts of Putnam Brooder-Heater: Top \$2.50; Tank, \$1.50; Burner, \$1.25; Wick Holder, 20c; Wicks, 40c per dozen.



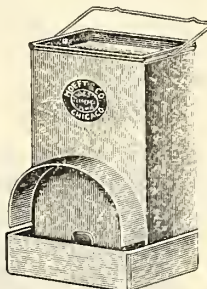
DROP BOTTOM WALL FOUNTAINS

A practical durable fountain. Easy to fill and easy to clean. Made of best quality galvanized iron. May be hung on the wall out of the litter and dirt.

Suitable for chicks, fowls or pigeons. Fitted with wire handles so that two or more fountains, back to back, can be carried in one hand.

Made in three sizes.

No. 40 ½ gal. size \$1.00.....Postpaid \$1.15
No. 41 1 gal. size \$1.30.....Postpaid \$1.50
No. 42 2 gal. size \$1.65.....Postpaid \$1.85



State Nursery and Seed Co.
Helena, Mont.

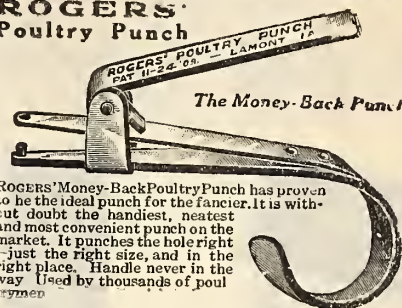
Whitefish, Mont.

Dear Sirs:—We feel that we owe our success in raising our chickens to the Putnam Brooder and must say it can't be beat. Next year we intend to raise a large number of chicks and turkeys and will depend on Putnam Brooder-Heaters and Pratt's Buttermilk Baby Chick food to bring them through.

Very sincerely,
Mrs. T. F. Mooney.

ROGERS POULTRY PUNCH

ROGERS' Poultry Punch



The Money-Back Punch

ROGERS' Money-Back Poultry Punch has proven to be the ideal punch for the fancier. It is without doubt the handiest, neatest and most convenient punch on the market. It punches the hole right—just the right size, and in the right place. Handle never in the way. Used by thousands of poultrymen.

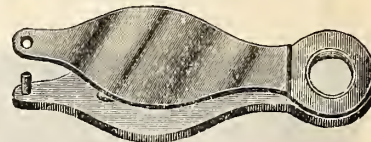
It is strongly made and is absolutely guaranteed to give satisfaction or your money refunded.

Price: 40c, postpaid 42c.

S. N. & S. CO'S. POULTRY PUNCH

One of the most convenient punches made. It is small and easy to operate, cutting a clean hole every time. Nickle plated.

Price 25c, postpaid 27c.



CHINA NEST EGGS

Made of white porcelain, natural in appearance and uniform in size. They induce the hen to lay where she should. With these there is no danger of getting stale eggs mixed with the fresh ones, or the hens acquiring the habit of egg eating. They are extra heavy and will not easily break. 6 for 25c, postpaid 32c; 12 for 45c, postpaid 55c.



LIME NEST EGGS

Strong—Durable—Cheap

The lime nest egg is made from pure sterilized sulphate of lime which has been used by poultry raisers for many years to aid in keeping the nests in a clean and healthy condition. This egg has a neat and smooth appearance and in color, size and shape it is almost an exact duplicate of a real chicken egg, will not break. 6 for 30c, postpaid 38c; 12 for 50c, postpaid 60c.



PRATT'S EGG PRESERVER



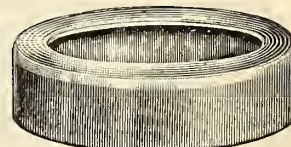
In Spring and early Summer, when eggs are plentiful and prices reasonable, make money and save money by "putting away" eggs for next winter. A solution of Pratt's Egg Preserver is the easy and inexpensive way to have a supply of eggs during the winter season of high prices.

Fresh eggs, put in a solution of Pratt's Egg Preserver, keep sound and in excellent condition for a full year. They are fine for cooking or to serve on the table. Try it this year. You'll have eggs the year round at the low spring and summer prices. One quart is sufficient to preserve fifteen dozen eggs. Full directions on each package.

Price quart 45c, postpaid 57c; gal. \$1.25, postpaid \$1.50.

RABBIT FEEDERS

Are made of fire clay, highly glazed, therefore easily cleaned, and can be kept absolutely sanitary at all times. 7 inches in diameter, heavy and cannot be tipped over, also used as a cat and dog dish. Price 35c. postpaid 50c.

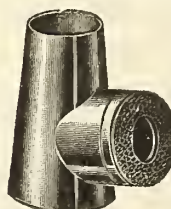


EGG TESTER

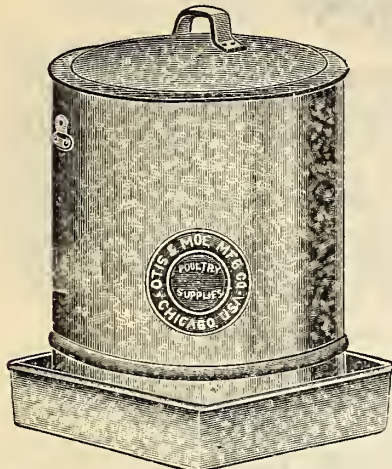
To test the fertility of eggs during the period of incubation. Used with an ordinary lamp in a dark room.

It will illuminate the interior of the egg, and show if the chick is alive, and also shows the size of air cell in the egg.

Price 25c, postpaid 28c.



IMPROVED TOP FILL FOUNTAIN



No.			
1—1	Gal size	\$1.85	Postpaid \$1.95
2—2	Gal size	\$2.85	Postpaid \$2.95
4—4	Gal size	\$3.50	Postpaid \$3.75

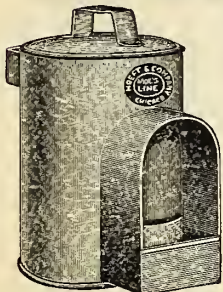
Made of heavy galvanized iron, with double walls, which keeps the water cool in summer, and retards freezing in winter. Feeds automatically, no valves to get out of order. Fills from the top, thus avoiding the annoyance of spilling over while being filled. Thoroughly sanitary and as easily cleaned as an ordinary pail.

Can be hung up out of the litter, and the square pan gives drinking facilities for two pens at the same time.

Fill the fountain in the morning and the chickens have and all day's supply of pure water at just the right temperature.

The best and most popular fountain on the market.

IMPROVED WALL FOUNTAIN



Made of heavy galvanized iron, in three sizes. The covered outlet keeps out dust and dirt, and the outlet is further protected by a removable plate which prevents any floating rubbish from being drawn into the reservoir.

No.			
97—1½	Gal size	\$1.00	Postpaid \$1.15
98—1	Gal size	\$1.25	Postpaid \$1.35
99—2	Gal size	\$1.50	Postpaid \$1.65

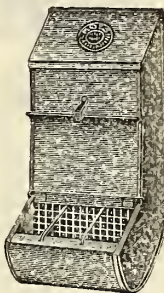
DRY MASH HOPPER

A Dry Mash Hopper of great merit, made of heavy galvanized iron. The curved bottom keeps the feed within easy reach of the birds, and the taper shape of the hopper—larger at the bottom—prevents the feed from clogging.

The wire grid and the wires running from the flange through the wire grid prevent the fowls from throwing out or wasting the feed. The sloping top prevents them from roosting on the hopper.

When both covers are closed it is rat, mouse and weather proof.

No.			
36—12 inches wide	\$2.20	Postpaid	\$2.35
13—18 inches wide	\$2.50	Postpaid	\$2.75
37—24 inches wide	\$3.10	Postpaid	\$3.35



GRIT AND SHELL BOX



The feeding of grit, ground shells, and charcoal is now recognized as an essential part of the diet, to keep fowls in healthy prime condition. There is no more economical method of supplying grit, etc., than with these practical, inexpensive compartment boxes. No solder used in their construction.

Can also be used as feed hoppers for little chicks.

This self-feeding box can be set on the floor or hung on the walls as desired. The birds can help themselves at all times and the supply is kept clean.

Made of heavy galvanized iron in two sizes.

No.			
9—3 compartment	\$.95	Postpaid	\$1.10
90—4 compartment	\$1.35	Postpaid	\$1.50

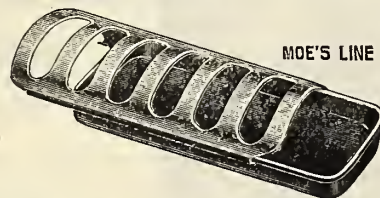
BOTTOM FILL FOUNTAIN



This fountain fills the breeders requirements for a good inexpensive article. Made in two pieces accurately stamped and formed. Easily filled and cleaned. The round taper shape prevents bursting from freezing. Made of best quality galvanized iron in three popular sizes.

No.			
19—1 qt.	\$.35	Postpaid	\$.45
20—½ gal.	\$.45	Postpaid	\$.55
24—1 gal.	\$.65	Postpaid	\$.75

SANITARY FEEDING TROUGH FOR GROWING FOWLS



MOE'S LINE

Suitable for dry feed, wet mash, or water. For grown fowls. The tops slide off, so the pan can be easily cleaned, and filled. Made of best quality galvanized iron. The edges of the slotted openings are all turned over and smoothly finished. No sharp or rough edges to injure the birds.

The feed saved by using troughs will more than pay their cost in a short time. Made in two sizes.

No.			
22—18 inch	\$.60	Postpaid	\$.70
23—24 inch	\$.70	Postpaid	\$.85

SINGLE FEEDING TROUGH For Chicks and Growing Stock



MOE'S LINE

No.			
56—18 inch	\$.40	Postpaid	\$.50
57—24 inch	\$.50	Postpaid	\$.60

DOUBLE FEEDING TROUGH For Chicks and Growing Stock



MOE'S LINE

Made of best quality galvanized iron. No sharp or rough edges to injure the birds. Sliding top. Easily cleaned.

No.			
59—18 inch	\$.60	Postpaid	\$.70
60—24 inch	\$.70	Postpaid	\$.85

AUTOMATIC CHICK GREASER Every Chick His Own Doctor

SAVES
TIMESAVES
MONEY

It is the large lice which collect on the heads of young chickens which cause them to droop and die. Formerly, the only way to get rid of these lice was to catch each chick and rub grease on its head, but this slow and tedious process is not necessary since the invention of the Automatic Chick Greaser.

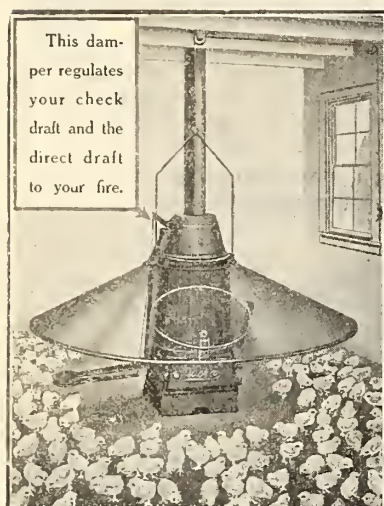
The wick around the upper part of the Greaser is saturated with oil (a mixture of two-thirds lard and one-third kerosene or black oil) and every chick which eats out of the pan will get its head thoroughly greased in a very few minutes. This apparatus saves much time and trouble and adds considerable to the profits.

Price, \$1.25; postpaid, \$1.35.

QUEEN INCUBATORS

FAMOUS FOR BIG HATCHES OF STRONG HEALTHY CHICKS. HATCHES EVERY HATCHABLE EGG

The Incubators and Brooders offered have been selected for their proved efficiency as hatchers and chick-raisers. They are the products of the oldest and most successful manufacturers—the pioneers who blazed the way and by their untiring efforts have made artificial incubating and brooding the great success they are today.



QUEEN COLONY BROODERS

No. 1—600 chick size\$23.75
No. 2—1200 chick size\$29.50
We recommend No. 2 as the most practical. We do not furnish stove pipe.

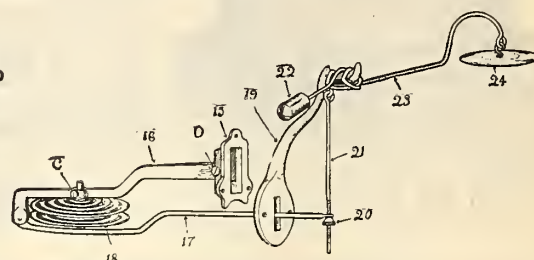
Prices and sizes of Queen Incubators—Delivered Prices

Queen No. 1, 85 Egg.....	\$ 30.75	Queen No. 5, 400 Egg.....	73.75
Queen No. 2, 135 Egg.....	41.00	Queen No. 25, 600 Egg.....	116.00
Queen No. 3, 180 Egg.....	48.00	Queen No. 35, 800 Egg.....	144.50
Queen No. 4, 275 Egg.....	62.50	Queen No. 45, 1000 Egg.....	173.00

WRITE FOR SPECIAL ILLUSTRATED

INCUBATOR AND BROODER

CATALOG—FREE



PRICE LIST OF REPAIRS FOR QUEEN INCUBATORS. ORDER BY NUMBER

"C" Wafer Set Screw	\$.15	Postpaid	\$.17
No. 16 and 17 Wafer Holder and Rod	1.25	Postpaid	1.35
"D" Bracket Set Screw .....	.15	Postpaid	.17
No. 15 Wafer Holder Bracket .....	.50	Postpaid	.60
No. 18 Wafer Thermostat	1.25	Postpaid	1.35
No. 19 Fulcrum .....	.50	Postpaid	.60
21 and 20 Connecting Rod and Burr Complete (Burr only 25c).....	.50	Postpaid	.55
22 Counter Weight .....	.35	Postpaid	.40
23 Damper Lever	1.00	Postpaid	1.10
24 Damper .....	.35	Postpaid	.42
20, 21, 22, 23 and 24 Damper Lever complete.....	1.75	Postpaid	1.85

PRICE LIST OF PARTS FOR QUEEN COLONY BROODER

Order by Number, and State for No. 1 or No. 2 Stove

No.		No. 1 Stove	No. 2 Stove
1	Cylinder	\$7.00	\$9.00
2	Base	3.75	4.50
3	Bottom	3.75	4.50
4	Long Grate	2.00	2.50
5	Short Grate	1.75	2.00
6	Hood Wire .....	.25	.25
7	Wafer or Thermostat	1.00	1.00
9	Arm (upper)	1.75	1.75
10	Arm (lower)	1.25	1.25
11	Baffle Plate	1.25	1.25
12	Ash Door	1.00	1.00
13	Ring	2.00	2.50
14	Feed Door	1.00	1.50
15	Shaker .....	.65	.65
16	Damper Wire .....	.15	.15
17	Damper Guard .....	.40	.40
18	Grate Lock .....	.60	.60
19	Base Bolt .....	.25	.25
20	Damper .....	.75	.75
21	Rope and Pulleys .....	.65	.65
22	Knob .....	.25	.25
23	Wing Nut .....	.25	.25
24	Draft Flue	2.00	2.50
25	Dome	3.00	3.50
26	Hover	7.00	9.00

If Wanted by Mail Add Postage

Lamp Wicks 1 in. or 1½ in. 5c each. Doz. 50c, postpaid 55c.
Lamp Complete either burner\$2.00 postpaid \$2.25
No. 35 Lamp burner for 1 in. wick\$1.00 postpaid \$1.15
No. 30 Lamp burner for 1½ in. wick\$1.00 postpaid \$1.15

FLYOSAN

SAFE INSECTICIDE

Kills Flies by the roomful—Mosquitoes, too
THE STRANGEST WAY TO KILL FLIES YOU EVER SAW!
Just spray Flyosan into the air of a closed room; in five minutes all flies are dead—mosquitoes, too.

Flyosan is an effective pleasant insecticide, deodorizer and cleanser, harmless to human life, non-poisonous, non-injurious to fabric or woodwork. Indispensable for use in the home, office, factory, store, restaurant, bakery, on the farm or any other place. Spray to kill flies, moths, roaches, water bugs, bed bugs, fleas, lice, mosquitoes, ants and all insects. Flyosan has a pleasant aromatic odor. Full directions on every package.

Combination (sprayer and pint can)	\$1.25	Postpaid	\$1.37
Pint .....	.75		.87
Quart	1.25		1.37
½ Gallon	2.25		2.42
1 Gallon	4.90		4.27

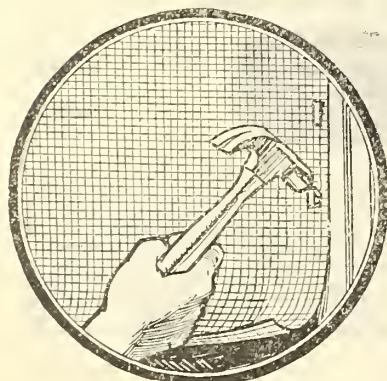
CEL-O-GLASS

A SUBSTITUTE FOR GLASS—WILL NOT BREAK

Is a high grade, low priced substitute for glass. It is unaffected by rain, hail, snow, sun or wind and can be bent or cut to any desired shape and is practically indestructible. Cel-O-Glass is radically different from ordinary glass, yet in practical use answers all demands and offers very decided advantages. Cel-O-Glass can be used on greenhouses, hot beds, cold frames, poultry houses, scratch pens, brooder houses, and all out buildings. It is no longer necessary to worry as breakages are entirely eliminated. Cel-O-Glass is the cheapest in the end. Cel-O-Glass comes in rolls 3 feet wide only and in any length up to 100 lineal feet (300 square feet).

Price: 20c per square foot. 17½c per square foot by the roll of 100 feet by 3 feet wide.

NOTICE—If Wanted by Mail add ½c per square Foot for Postage.



PLANT FOODS AND FERTILIZERS



EXCELSIOR PLANT FOOD—The original odorless house plant food. Producing vigorous healthy growth. Endorsed by the leading horticulturists, private and market gardeners, and park superintendents.
5 oz. pkg., 25c; postpaid, 33c.
12 oz., pkg., 50c; postpaid, 58c.

BONE MEAL

A well known fertilizer, for all purposes, safe and effective. 1 lb. 10c; postpaid 15c; 10 lbs., 65c; postpaid 90c; by express or freight, 100 lbs. \$4.25.

"FEERLESS BRAND"

SHEEP MANURE—Pulverized

The Best Fertilizer for the Lawn and Garden

As a spring or fall top-dressing for lawns, it is the best that can be procured. No offensive odor, and no unsightly chunks to rake off. The first shower or watering carries the soluble particles down to the roots, and rapidly produces a most luxuriant growth. SHEEP MANURE is the very best for securing rapid growth and adds humus to light soils.

Can also be used as liquid manure, in water. For general use apply 50 lbs. to every 100 square feet. 600 to 800 lbs. per acre for lawns. For general field and garden use—1 Ton per acre.

100 lb. sack \$2.00; 50 lb. sack \$1.25.

Price F. O. B. Helena, by express or freight.

We also carry the above brand of sheep manure put up in small packages for the benefit of our customers who have only a few house plants. The fertilizer has been specially treated and rendered practically odorless. Each package contains full directions for use.

2 lb. package 25c, postpaid 37c; 5 lb. package 50c, postpaid 68c.

For larger quantities write for special prices.

STIM-U-PLANT

PLANT STIMULANT TABLET

Trade Mark Registered U. S. Patent Office

THE MAGIC FERTILIZER IN TABLET FORM

GLORIOUS GARDENS—PERFECT HOUSE PLANTS

The most modern, efficient and scientific method of fertilizing growing plants.

As every kind of plant grows in the garden, orchard, and farm, feed it along with Stim-U-plant tablets. These tablets contain highly concentrated, immediately available forms of plant food for use in stimulating fruit, flower, vegetable, and ornamental plants, and may be used in liquid or tablet form.

They increase production, hasten maturity, improve quality and better the color of the plants and products. Their use is highly profitable, for all these benefits cost only a fraction of a cent for each application.

Once in the soil they immediately dissolve and mingle with the soil-water, pass into the root hairs and roots to begin feeding the plants. No matter how fertile the soil may be, Stim-U-plant is effective in feeding the crops because of its rich, available food content. Full directions on every package.

Small size, 30 tablets \$.25; Postpaid \$.30
Medium size, 100 tablets75; Postpaid .85
Large size, 1,000 tablets 3.50; Postpaid 3.70

NITRATE OF SODA

Stimulates the Production of Plants

A fertilizer for all crops, quick in action and hastens the maturity of crops fully two weeks. Being quickly soluble, it should not be applied until the plants are above the ground, when 200 to 300 lbs. per acre is sufficient. Usually in combination with other chemical fertilizers. Nitrate of Soda is the best form in which nitrogen can be restored to the soil. It is of special value for crops such as Peas, Corn, Beets, Cabbage, Sugar Beets, Potatoes, and Sorghum, etc. also small fruits. Nitrate of Soda does not exhaust the soil. Do not allow solution to touch foliage. Dissolve 1 oz. to 3 gal. or 1 lb. to 50 gals. 2 lbs. 25c, postpaid 35c; 5 lbs. 60c, postpaid 78c; 10 lbs. \$1.10, postpaid \$1.38; 100 lbs. \$10.00 F. O. B. Helena.

SEED INOCULATION



Inoculated Roots

Roots like this mean bigger yields—better soil



The Best Inoculation for All Legume Seeds

**MEANS BETTER CROPS—BETTER SOILS
LESS FERTILIZER EXPENSE**

Farmogerm the "Always Fresh" Inoculant

WHAT FARMOGERM IS: A pure culture of nitrogen-fixing bacteria of highest quality. By reason of the patented stopper, which admits air and excludes contaminations, FARMOGERM is guaranteed for five years—always fresh—always strong and virile.

A Sensible Insurance and a Profitable Investment

We believe in inoculation, we favor the pure, jelly medium, and we believe in FARMOGERM. We recommend that all legume seeds purchased from us be inoculated before planting.

(A different culture is required for each legume group, so, when ordering, be sure to state what crops you wish to inoculate.)

NEW LOW PRICES

For small seeds—Clovers, Alfalfa, etc.

1/4 bu. size	\$.35	1 bu. size	\$1.00
1/2 bu. size .....	.60	2 1/2 bu. size	2.25
10 bu. size	\$8.00		

Special Reduced Prices on Cultures for Large-Size Seeds, Soy Beans, Cowpeas, Peas, Beans, etc.

1/2 bu. size	\$.35	1 bu. size	\$.60
5 bu. size	\$2.25		

Special Garden Size for Garden Peas, Beans, and Sweet Peas, 25c.

By using Farmogerm you will insure large, luscious peas and beans, and abundant sweet pea blossoms of wonderful coloring.

HOW TO ORDER: Specify crop and number of bushels you wish to inoculate (one bushel size contains sufficient bacteria to thoroughly inoculate one bushel of designated variety of legume seed).



WHAT HUMOGERM WILL DO

Increase the yield and quality of legume crops, giving quicker growth and earlier maturity.

Increase the food value of legumes.

Get a catch for legumes in new territory, where they cannot otherwise be grown successfully.

Supply nitrates to companion crops.

Enrich the soil for future crops, thereby increasing the permanent value of the farm.

A Sensible Insurance and a Profitable Investment

We believe in inoculation, we favor the soil medium, and we believe in HUMOGERM. Of all the inoculants manufactured, we believe it is the most effective, and cheapest, consistent with high quality. For small seeds—Clovers, Alfalfa, etc.

1/4 bu. size	\$.35
1/2 bu. size .....	.60
1 bu. size	1.00
2 1/2 bu. size	2.25

Cultures for Large-size Seeds—Soy Beans, Cowpeas, Peas, Beans, etc.

1/2 bu. size	\$.35
1 bu. size .....	.60
5 bu. size	2.25

Special Garden Size for Garden Peas, Beans, and Sweet Peas, 25c.

GARDEN HOSE

Actual tests have proven that $\frac{5}{8}$ inch hose is more practical than $\frac{3}{4}$ inch hose for ordinary conditions. Electric is a hose you can twist, tie in knots, yank and haul without even a kink, and that means leakproof, lasting service.

Electric Hose cannot kink because it is built like a cord tire. Not made like ordinary hose of strips of common duck coated with rubber. This common, rubber-daubed hose kinks, comes apart at the seams and leaks. Electric hose with its seamless, cord tire construction is free from these defects.

Just as a cord tire is re-enforced by its network of cords, so Electric hose is given strength by braided jackets of sturdy seine cord. These are surrounded by layers of tough new rubber. Heat and high pressure from within vulcanize the cord and rubber into a seamless, inseparable tube. Makes them one. Nothing can tear them apart. Outside a heavy ribbed "tread," or covering, of new Ceylon rubber protects the hose just as the tread protects a cord tire.



This cut shows the jackets of sturdy seine cord surrounded by layers of live, elastic rubber. It also shows the **ELECTRIC** trademark which should appear upon the hose you buy.

Electric Hose is acknowledged today to be the best Hose that can be procured at any price. "Wears like a pig's nose."

$\frac{1}{2}$ inch—25 or 50 ft. length, couplings attached at 23c per foot.
 $\frac{1}{2}$ inch—over 50 feet, with couplings attached at 22c per foot.
 $\frac{5}{8}$ inch—25 or 50 ft. length, couplings attached at 24c per foot.
 $\frac{5}{8}$ inch—over 50 feet, with couplings attached at 23c per foot.
 $\frac{3}{4}$ inch—25 or 50 ft. length, couplings attached at 25c per foot.
 $\frac{3}{4}$ inch—over 50 feet, with couplings attached at 24c per foot.



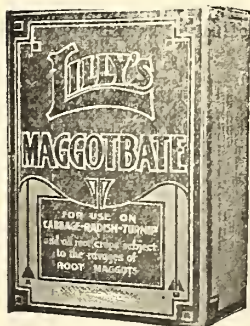
HOLLY
HOLLY HOSE—RED
"DOUBLE FABRIC"

HOLLY HOSE—is red in color, considerably cheaper hose than Electric, but one we can recommend for a cheap hose.

$\frac{1}{2}$ inch—25 or 50 ft. length, couplings attached at 17c per foot.
 $\frac{1}{2}$ inch—over 50 feet, with couplings attached at 16c per foot.
 $\frac{5}{8}$ inch—25 or 50 ft. length, couplings attached at 18c per foot.
 $\frac{5}{8}$ inch—over 50 feet, with couplings attached at 17c per foot.
 $\frac{3}{4}$ inch—25 or 50 ft. length, couplings attached at 20c per foot.
 $\frac{3}{4}$ inch—over 50 feet, with couplings attached at 19c per foot.

Your time and strength are too valuable to expend with poor garden hose. Get the best (Electric) without regard to price.

HOSE WASHERS—Fits $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$ inch—per doz. 10c, posptaid 12c



**GETS THE MAGGOTS BEFORE
 THEY GET YOUR GARDEN.**

**THE BEST REMEDY KNOWN
 FOR ROOT MAGGOTS AND VEGETABLE PESTS.**

**MAGGOTBATE IS A WONDER
 WORKER.**

For Description See Page 129.

SPRAYING TO BE EFFECTIVE, MUST BE DONE WELL

The ever increasing inroads of insects and disease has rendered it necessary to get adequate sprayers to meet this necessity. See our Assortment Page 130.

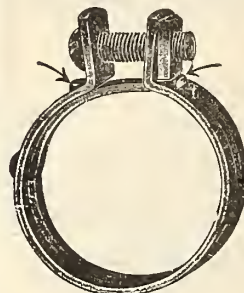
CAUTION AGAINST SPRAYING WHEN TREES ARE IN FULL BLOOM—Spraying when trees are in bloom may destroy bees and other insects necessary to pollinate, and these natural agents should not be interfered with as their work of transferring the pollen insures beautiful crops and shapely fruit.

HOSE MENDERS



COOPER HOSE MENDERS—(Brass)—For joining a broken hose, cut through and insert the mender. No clamps required, $\frac{1}{2}$, $\frac{5}{8}$ or $\frac{3}{4}$ inch. State size wanted. Each.....10c

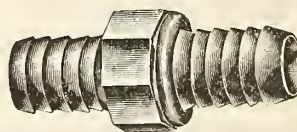
PERFECT CLINCHER HOSE MENDER—No wiring, no screws, no tools needed except a hammer; no obstruction in the hose; a boy can use them and make a perfect mend, a one-piece article which does the work of the mender and tube and two clamps ordinarily used. $\frac{1}{2}$, $\frac{5}{8}$ or $\frac{3}{4}$ inch. State size wanted. Price each, 10c; postage 10c per dozen extra.



HOSE BANDS OR HOSE CLAMPS—For fastening the hose to a coupling with nut and screw. $\frac{1}{2}$, $\frac{5}{8}$ or $\frac{3}{4}$ inch, each5c
 State size wanted.
 Dozen 50c, postpaid 60c.

HOSE WASHERS—Fit $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$ inch
 Per dozen10c

HOSE COUPLINGS



HOSE COUPLINGS—(Brass)—In $\frac{1}{2}$, $\frac{5}{8}$ or $\frac{3}{4}$ in. State size wanted. Each 15c, postpaid 18c.

"PERFECT CLINCHING" HOSE COUPLINGS—Slip it in the hose and hammer down—that's all. A self-fastening coupling that does not require extra bands, bolts, or wires. It adjusts itself



to any thickness of hose. A fixed hold—it will not pull off. It cannot turn within the hose, a great gain over other couplings. A smooth joint with no projecting parts. A perfect joint that cannot leak. The harder the pressure, the tighter it gets. The tough brass in the clamping fingers permits taking off and using again. Strong and durable at every joint. $\frac{1}{2}$, $\frac{5}{8}$ or $\frac{3}{4}$ inch. State size wanted. Price, 25c; postpaid 28c.



The "SNAP" HOSE COUPLING

Best coupler, simple, durable, always tight. For $\frac{3}{4}$ inch hose. Per pair 30c. Just Snaps together "That's All."



GOOSE NECK—Use with the snap hose coupling, permits the easy swivel and prevents the hose from breaking at the coupling. Price 15c postpaid.

RAFFIA

RAFFIA—Useful material for tying plants; also used for basket making. Per lb. 35c, postpaid 45c.

WE HANDLE PLANET JR. SEEDERS AND CULTIVATORS

Planet Jr. seeders are known everywhere for accuracy, durability and simplicity. Planet Jr. cultivators are the boast of those who cultivate for profit. Send for new catalog showing the Planet Jr. line. See last pages.

ORDER EARLY

Send us your orders early: Don't wait until the last minute for your garden supplies.

INSECTICIDES AND FUNGICIDES

FOR INSECT PESTS AND FUNGUS GROWTHS

INCLUDE INSECTICIDES WITH YOUR ORDER. YOU ARE SURE TO NEED THEM LATER

PARIS GREEN—Most effective Potato Bug Killer known; sure death to all insects which eat foliage. Put up in sealed packages. Use 3 teaspoonsful to 1 gallon of water or 1 lb. to 50 gallons for Potato Bugs, or 3 teaspoonsful to 3 gallons of water, or 1 lb. to 100 gallons for spraying trees, $\frac{1}{4}$ lb. 25c; $\frac{1}{2}$ lb. 40c; 1 lb. 65c; 2 lbs. \$1.20; 14 lb. kits, \$6.00; 28 lb. kits \$11.50.

ARSENATE OF LEAD—(Dry Powder)—This material contains from 31 to 33 per cent arsenic—the killing agent. Being light and fluffy it stays in suspension and covers the foliage evenly. Its adhesiveness is unsurpassed. Growers appreciate its convenience, safety and economy. 3 teaspoonsful to 1 gallon of water. Full directions on each package. $\frac{1}{2}$ lb. 30c; 1 lb. 50c; 5 lbs. \$2.25; 25 lbs. \$10.00.

"BLACK LEAF 40" Nicotine Sulphate—40@ Nicotine



"**BLACK LEAF 40**"—is well known both as a dip for livestock and as a spray for vegetables and flowers. It destroys Aphids (plant lice), Thrips, Leaf-hoppers on all tree, bush and vine fruits, vegetables, field crops, flowers and shrubs; also Apple Red Bug, Pear Psylla and similar soft-bodied sucking insects—all without injury to foliage. May be combined with other sprays. As a Livestock Dip it is absolutely the best and it is recommended by the Livestock Sanitary Board of Montana as being practically the only dip that will kill Scab Mites.

For Dairy Cows it is especially valuable as it kills lice, ticks and mites. Wash thoroughly the infested parts of the dairy cows, which are generally the root of the tail, withers, etc. Use a stiff brush and dilute "Black Leaf 40" as follows:

1 $\frac{1}{2}$ tablespoons to 1 gal. warm water, or 1 pint to 100 gal. warm water, or 10 lbs. (1 gal.) to 800 gal. warm water.

For hogs it should be used as a dip for lice, etc., 1 pint to 90 gal. warm water or 10 lbs. (1 gal.) to 720 gal. warm water.

For stock cattle, for ticks and lice, dilute 10 lbs. (1 gal.) "Black Leaf 40" to 800 gal. water and this will dip from 500 to 800 cattle.

For sheep 10 lbs. (1 gal.) "Black Leaf 40" will dip, after shearing, about 800 head. For fall dipping about 500 head.

"Black Leaf 40" is positively non-poisonous and will not hurt the eyes, stomach, etc., when diluted. It is poisonous in its concentrated form.

Stock should not be dipped while hot. They should be allowed to cool after being run into the corral.

Water with which "Black Leaf 40" is diluted should be preferably warm, from 95 to 105 degrees, especially for sheep, as the dip will penetrate the grease and reach all parasites. Animals should be kept in the dip at least 2 minutes.

Soft water is best to use as it wets the skin, the hair, and the parasites in better shape, carrying Nicotine with it. If your water is hard, it should be softened.

We have sold "Black Leaf 40" for many years and carry it in stock as follows:

1 oz.—\$.35, postpaid \$.40	Makes 6 gallons
$\frac{1}{2}$ lb.— 1.25, postpaid 1.35	makes 40 to 120 gallons
2 lb.— 3.50, postpaid 3.65	makes 160 to 500 gallons
10 lb.— 13.50, by express	makes 800 to 2500 gallons

TREE TANGLEFOOT—The best remedy against ants, caterpillars and all tree crawling insects. Will remain sticky for three months. 1 lb. 60c; postpaid 70c; 5 lbs. \$2.75, postpaid \$2.93.

SLUG SHOT—(Hammond's)—A light non-poisonous composite fine powder for killing Potato Bugs, Currant and Cabbage Worms, Green and Black Fly, Beetles and Caterpillars. Not injurious to persons or animals. Easily distributed by Duster, Bellows or in water by spraying. Full directions on each package. 1 lb. perforated box 35c; postpaid 40c; 5 lbs. 85c; postpaid 1.00; 10 lbs. \$1.50; postpaid 1.70.

PRUNING OR TREE PAINT—You will find this much more effective in stopping "bleeding" of the sap after pruning trees, shrubbery, etc., than tar and other mixtures sometimes used. It effectually seals the surface and will not wash off with the weather. Pruning Paint is also an excellent preventive for worm boring. 1 quart can, \$1.00, postpaid \$1.25.

GRAFTING WAX—Superior quality grafting wax. $\frac{1}{4}$ lb. 20c, postpaid 25c; $\frac{1}{2}$ lb. 35c, postpaid 42c; 1 lb. 50c, postpaid 60c.

ARSENATE—Calcium Powder—Has high poison content and excellent for spraying potatoes and shade trees against chewing and leaf-eating insects. Kills quickly; does not burn the foliage and sticks to leaves. Mixes easily with water and can be used either wet or dry. Can be combined with Lime Sulphur or Bordeaux Mixture. One pound makes about forty to fifty gallons. 5 lbs. \$1.75; 10 lbs. \$3.25; 25 lbs. \$7.00.

COPPERCARE—A copper carbonate powder for dusting to prevent smut on Wheat, Sorghums, Kaffir Corn, Oats, etc. Far more convenient and economical than the wet method. Treated seed germinates much better. Use three ounces of coppercarb to a bushel of grain. 5 lbs. \$1.25, postpaid \$1.43.



CARCO — VEGETABLE SPRAY AND ANT EXTERMINATOR—

A wonderfully effective spray for destroying grubs, maggots and worms in the soil, which infect TURNIPS, RADISHES, BEETS, CAULIFLOWER, CABBAGE, ONIONS, etc., and highly recommended for use in combating CROWN BORERS in strawberries. The root maggot, as well as the strawberry crown borer, is hatched from an egg deposited on the plants by the maggot fly. This fly dislikes the odor of the spray, and will not deposit the eggs where the odor is present. Carco is highly recommended by market gardeners and large growers of vegetables. Is sure death to ants. Quart 70c, half gallon \$1.25.

MAGGOTBATE—A real maggot remedy, repels the fly which lay the eggs from which the maggots are hatched, also destroys maggots which are already in the soil. While intended as a remedy for root maggots it has proven very effective in combating cabbage worms, asparagus miner, fleas, beetles, and all kinds of slugs. It is also invaluable for the eradication of earth worms. Full directions and instructions on every package. MAGGOTBATE is a wonder worker. Price 2 lb. pkg. 35c, postpaid 47c; 25 lb. sack \$2.50, postpaid \$2.85.

WEED KILLER, HAMMOND'S—Killing weeds thoroughly by application of this liquid has become general. It is a great labor saver. Use only on paths, drives, gutters and places where no growth is wanted. Apply after rain, while ground is moist, and will absorb the liquid to the roots of grass and weeds. One gallon will make 40 gallons, sufficient to cover 100 square yards of surface. Price 1 quart 90c; gal. \$2.25.

LIME SULPHUR—Dry Powder—A valuable and effective spray or wash for scale, bark lice, and other insects, and fungus diseases that winter on the barks. Spray early in spring before the foliage opens. Use four tablespoons to 1 gallon of water, 2 lbs. to 50 gallons of water. 1 lb. 40c, postpaid 50c; 5 lbs. \$1.75, postpaid \$1.95.

TOBACCO DUST—For dusting plants affected with Aphids; also used on squash vines and melons; and now largely used for fumigating. 1 lb. 25c, postpaid 33c; 5 lbs. 90c, postpaid \$1.15.

FISH OIL SOAP—For Aphids and all insects which suck. This soap dissolved, 3 oz. in 1 gallon of warm water is very effective. 1 lb. package 35c, postpaid 45c.

BORDEAUX MIXTURE—Used principally for Mildew, blight and Fungus Diseases of all kinds, $\frac{1}{2}$ lb. 20c, postpaid 25c; 1 lb. 35c, postpaid 40c; 5 lbs. \$1.50, postpaid \$1.68; 25 lbs. \$6.50, postpaid \$6.85; 100 lbs. \$23.00.

DUSTING SULPHUR—Prevents Mildew, and is a summer dust spray for insects and fungus diseases. $\frac{1}{2}$ lb. 15c, postpaid 20c; 1 lb. 25c, postpaid 35c; 5 lbs. 90c, postpaid \$1.10.

GOPHER POISON

Kill-Em-Quick



Kills Gophers, Squirrels, Prairie Dogs and Field Mice. Endorsed by the U. S. and Canadian Governments, County Agents, Farmers' Clubs, etc. Is found to be more economical and effective than anything else on the market. Best, cheapest and safest. Full directions on every package. Satisfaction guaranteed or money refunded. Ready to mix with your own grain. Package sufficient for 40 acres 75c, postpaid 83c; 100 acres \$1.50, postpaid \$1.60.

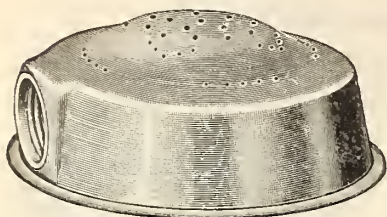
CUT WORM KILLER

The most effective cut worm killer yet introduced. Just place a little around each hill as the seedlings break through. The food is so alluring to Cut Worms that they are attracted to it in place of any vegetation. One lb. sufficient for 100 plants in hills or for 100 feet of drill. **Save your plants.** 1 lb. 45c, postpaid 53c; 5 lbs. \$2.00, postpaid \$2.20.

ANT KILLER—See Page 121.

LIQUIDS AND POISONS CANNOT BE SENT BY PARCEL POST

LAWN SPRINKLERS

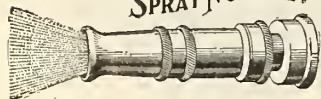


THE SQUARE FOUNTAIN SPRINKLER

The lower holes throw a wide spreading square, from the crown is omitted a column of smoky mist that is unsurpassed for beauty. It gives an even distribution seldom equaled. It will sprinkle the side of your house, along the walk and reach the edges without

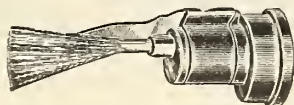
throwing water over the passerby. It is not necessary to sprinkle half the grass twice to get over it, thus covering the ground with the least water. Made of heavy brass. Price 65c, postpaid 75c.

ALLEN SPRAY NOZZLE



ALLEN SPRAY NOZZLE—The brass nozzle for hand use; will throw a straight stream also fine or coarse spray, and the shut off is positive, without the possibility of leakage, recommended by all. Price 80c, postpaid 85c.

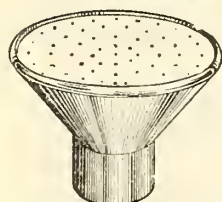
CHAMPION NOZZLE—Two in one combination nozzle and sprinkler, the water volume is as great with spray as with solid stream. There is no shut off and, therefore, no back pressure on the hose. Spray is graduated by the revolving sprayer plate. Price 50c, postpaid 60c.



"TWIN" SPRINKLER—See cut. Made of zinc metal and cannot rust. Will cover the lawn evenly for 16 feet radius. Very popular, price40c, postpaid47c.

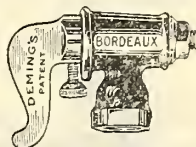


EUREKA SPRAYING NOZZLE—Throws conical-shaped spray. Discharges by pushing against fence or tree. Price75c, postpaid80c.



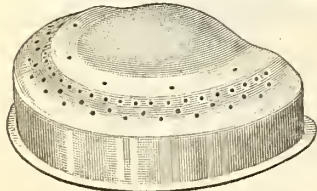
"ROSE" OR "BOSTON" SPRINKLER—A good serviceable, low priced sprinkler, throwing the well known "rose" spray. Works well on either high or low pressure. Made of brass with a heavy cast brass base. Price 95c, postpaid \$1.00.

CRESCENT SPRAYER—Price \$1.00, postpaid \$1.10.



BORDEAUX SPRAY NOZZLE—Price\$1.50

"HANDY" FOUNTAIN SPRINKLER—Not very big, costs very little; but it sprinkles as much ground as the big ones. It throws all the water away from the hose end, giving a beautiful fountain spray. No tipping over, just walk up to it and adjust it after the water is turned on. When held in the hand is splendid for sprinkling flowers. The weight of the metal and shape make it proof against hard knocks. Made of heavy No. 22 gauge brass, 4 1/4 inches long by 2 1/4 inches high. Price 50c, postpaid 55c.



Wilgus No. 1

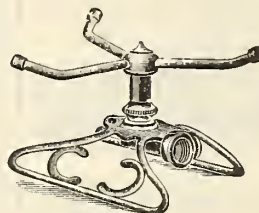
"WILGUS" N. 2—The improved Wilgus, with two openings to the water chamber, and throwing a center stream, giving fountain effect at same time as spray. Price 50c; postpaid 55c.

"WILGUS" NO. 1—The original Wilgus sprinkler; one of the leaders of the type, and one of the best. Works well on all pressures. Price, 45c; postpaid 50c.

"WILGUS" NO. 21—This sprinkler is mounted on a heavy cast iron base, japanned. Meets the desire for a sprinkler that will not turn over no matter what pressure is on hose and at same time can be moved on the sod like runners. Water is delivered in a very fine spray even on a light water pressure. Price \$1.55, postpaid \$1.70.

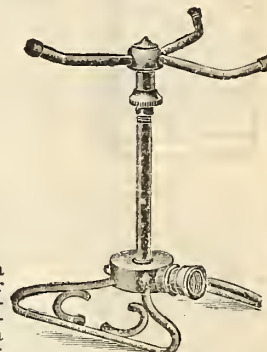


Wilgus No. 21



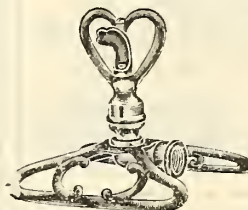
Zenith

ZENITH SPRINKLER—Represents a new principle in revolving sprinkler heads, friction being almost eliminated, and reducing leakage to a minimum. The Zenith is mounted on a sled as shown in cut. Height 5 inches. A very useful sprinkler. Price \$1.50, postpaid \$1.65.



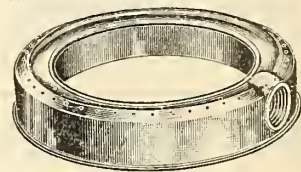
Anaconda

THE ANACONDA—Same as the Zenith—except the height, which is 11 inches. Price \$1.75, postpaid \$1.90.



Busy

THE BUSY—One of the best distributors of water on the market. Covers a circle of about 30 feet in diameter, very uniformly. The Busy is a very popular sprayer. Price \$1.00, postpaid \$1.15.

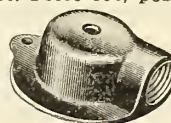


Ring

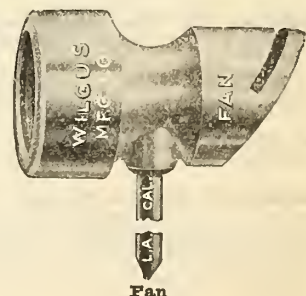
RING SPRINKLER—Made entirely of heavy sheet brass and measures about 8 inches in diameter. The Ring throws a fine mist, covers a large circle and can be conveniently moved about without shutting off the water. Guaranteed to stand water pressure of any Municipality. Price 35c, postpaid 95c.

FAN SPRINKLER No. 8—Made of zinc metal and shaped so that it will water a bed on one side only. A most convenient sprayer. Price 30c, postpaid 35c.

C. B. G. SPRINKLER—"Cheap but Good"—is deservedly very popular on account of low price. Price 35c, postpaid 45c.



C. B. G.



Fan

SPRAYERS



HUDSON PERFECTION SPRAYER

The World's Standard

The perfection sprayer has a tank made like a steam roller. The all riveted seams give the necessary strength for developing a high pressure which is absolutely essential for good results. The tank is 7½ inches in diameter, 20 inches long, capacity 4 gallons, wt. 10 lbs. The hose is 5 ply, nozzle is of the automatic type. This sprayer will handle whitewash, paints, bordeaux mixture, Paris green, etc., with equal facility. For very heavy liquids use the extra nozzle cap which is furnished with the sprayer. The perfection has the distinction of combined simplicity, convenience, strength and service. Furnished in galvanized steel.

Price \$6.75, postpaid \$7.00

We keep on hand all extra parts for Perfection Sprayer

Perfection nozzle \$2.00, postpaid \$2.10; outside disk 10c; inside disk 10c; fine spray disk 10c; washer 6c; nozzle cap 50c; nozzle screen 10c; ball 25c; gaskets 15c; shoulder strap with snaps 35c; valve spring 15c; handle 35c, postpaid 45c; pump plunger leather 10c; hose with nozzle and clamps attached \$2.25, postpaid \$2.35.

HUDSON JUNIOR SPRAYER

The Junior Sprayer is made for the man who needs a high pressure compressed air sprayer smaller than the Perfection. It is particularly adapted for the backyard garden or small truck farm, for use around the chicken house, in the dairy barn, hog pen, or for disinfectants in hotels, restaurants, theatres and other public buildings. It will do any work the larger models can, for it differs from them only in capacity. It is substantially made and will give entire satisfaction. Tank—6½ inches in diameter, 17 inches long; capacity about 2½ gallons. Made of first quality galvanized steel.

Price \$5.50, postpaid \$5.75.



THE "SUCCESS" SPRAY PUMP—This pump has brass air chamber in the stock and is furnished with Bordeaux Nozzle which throws a continuous stream of fine or coarse spray. Price as illustrated, with 3 ft. hose \$7.25; postpaid \$7.50

THE "PERFECT SUCCESS"—Same as above with special foot rest, clamps bucket and pump together, so outfit may be carried in one hand. Price \$8.25, postpaid \$8.50.

We can furnish extra 7-foot section of hose for Success or Perfect pumps with couplings and pole holder, \$2.25, postpaid \$2.35



Success

PEERLESS RUBBER SPRINKLER—For spraying small plants. An ideal one for house use. When once used you will wonder how you got along without it. Will last a lifetime. Price \$1.00, postpaid \$1.10.

TAKE CARE OF YOUR SPRAYER

Always empty remaining solution, and pump through clean water after using. Clean thoroughly and oil before putting away at end of season.



THE MIDGET SPRAYER

THE "MIDGET" SPRAYER—A small, compact, substantial and very efficient sprayer. The midget is ten inches long, capacity one pint. Throws a fine uniform spray, and is an indispensable aid to the housewife for spraying house plants. Price 50c, postpaid 55c.



THE RAPID

"THE RAPID" SPRAYER—is a labor saver, because of its double discharge tube is practically adapted for use in stock yards, barns, etc. With it the user may quickly cover his stock with a fine mist of preparation to relieve them of the irritation of flies, mosquitoes and other insects. Sprays straight up as it speaks for itself, and needs no further description; is made with galvanized tank and holds 1 quart. Price each 85c, postpaid 95c.



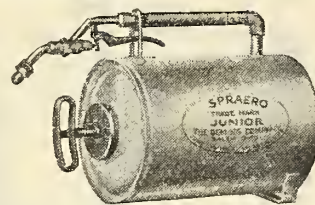
MISTY SPRAYER

THE MISTY SPRAYER—is used to apply all kinds of insecticides on plants, etc. Unsurpassed for applying all kinds of stock dips and fly killer on cattle and horses, also for disinfecting poultry house, barns, etc. Made of good tin and holds 1 quart. Price each 65c, postpaid 75c.

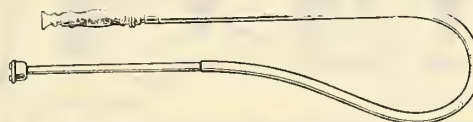
SPRAERO JR. SPRAYER

A well made compressed air sprayer, one of the handiest as spray can be applied where wanted by pointing nozzle in desired direction. Tank holds 2 gallons and made of galvanized iron, spring automatically shuts off nozzle when pressure on trigger is released.

Price \$6.25, postpaid \$6.50.



THE STANDARD SPRAY PUMP A one-Man, One Hundred Purpose Pump



As supplied for spraying from bucket.



Using the Standard Pump with barrel and long hose.

Used with bucket, knapsack, tank or barrel for spraying orchards, gardens, vineyards, also whitewashing, disinfecting poultry houses, killing vermin on stock, etc. It is made entirely of brass with two solid brass valves, no leather suckers or washers, no castings to rust, no leaking joints, no lost motion, nothing to get out of order. The accompanying illustration shows the standard Spray Pump attached to barrel with 30 feet of hose, enabling the operator to walk around without moving the barrel, covering the entire tree from the ground without the use of elevated platforms or ladder. Equipped with combination nozzles producing a fine fist—a wide spray 15 to 20 feet, or a solid stream 50 to 60 feet. Guaranteed 5 years. Price \$6.00, postpaid \$6.25.

CORONA HAND DUSTER



This little Hand Duster is so constructed that it emits powder in clouds of the right consistency, at the same time works easily. The Corona Hand Duster is the most efficient Duster on the market.

and no other dusting device in its class can approach it for efficiency, ease of manipulation, simplicity and durability. It is so simple in construction that it eliminates all trouble.

Price \$1.25, postpaid \$1.35.

BARREL PUMP AND FIELD SPRAYERS



FOUR-ROW FIELD SPRAYER NO. 1653

Has one "Eureka" Nozzle for each Row

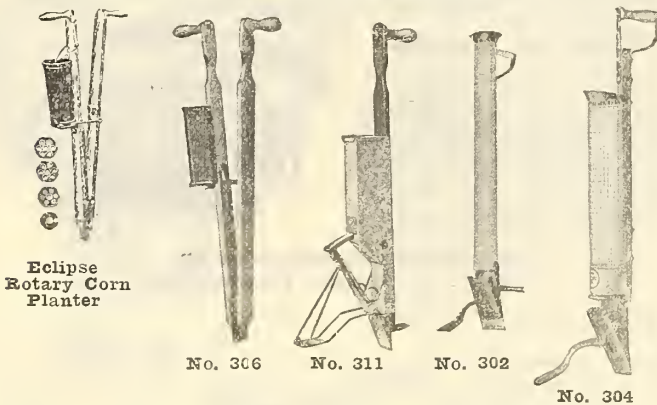
For spraying potatoes, strawberries and all field crops. This is a very convenient device as it is easily and quickly attached to any wagon, can be adjusted to rows of any width up to 36 inches. For forward or backward spraying, they may be raised or lowered and brought together to pass through gate. With equipment as illustrated. Price \$22.50.

Corn and Potato Planters

ECLIPSE ROTARY CORN PLANTER—The Eclipse is the most perfect Rotary Corn Planter on the market. Has four discs, one especially for Broom Corn and seeds of that class. The Eclipse has Rotary drop, and works perfectly. Highly recommended. Price \$2.95, postpaid \$3.15.

ACME CORN PLANTER NO. 306—Works in any soil; has a flexible and adjustable iron drop, and does not wear the brush. It has an iron seed box and iron channel. Strong, durable, reliable and gives universal satisfaction. Each \$1.50, postpaid \$1.65.

SEGMENT CORN PLANTER NO. 311—(See illustration). An all metal planter which is operated by a spring with the foot, strong, reliable tool. Each \$2.00, postpaid \$2.20.

Eclipse
Rotary Corn
Planter

No. 306

No. 311

No. 302

No. 304

ACME POTATO PLANTER NO. 302—A very handy tool, with jaws of crucible steel, points polished, galvanized iron, taper conveying tube, natural finish. Height 36 inches. Price \$2.00, postpaid \$2.25.

POTATO PLANTER NO. 304—A light tubular planter. Its spring closed jaws are especially designed to enter the soil easily, yet open wide enough to drop the largest seed. The dropping lever is adjustable for any depth of planting. See cut. Price \$2.10, postpaid \$2.20.

POT LABELS

For pot and garden plants—Painted

Size	per 100	postpaid per 100	per 500	postpaid per 500	per 1000	postpaid per 1000
4 in.	\$.35	\$.42	\$1.35	\$1.45	\$2.50	\$ 2.65
5 in. ....	.45	.52	1.60	1.70	3.00	3.17
6 in. ....	.50	.57	2.10	2.20	4.00	4.17
8 in.	1.20	1.30	5.20	5.35	10.00	10.20
10 in.	1.70	1.80	7.75	7.85	15.00	15.15
12 in.	2.00	2.10	9.25	9.33	18.00	18.10

TREE LABELS

3½ inch wood, wired, for trees, shrubs, etc.; per 100 45c, postpaid 52c; 500 \$1.90, postpaid \$2.00; 1000 \$3.50, postpaid \$3.62.

PLANT STAKES

Light, Round, Painted Green

Size	per doz	postpaid per doz	per 100	postpaid per 100
12 in.	10c	18c	50c	65c
18 in.	15c	35c	75c	95c

RATES FOR PARCEL POST SHIPMENTS—SEE PAGE 71

THE "PEERLESS" BARREL SPRAYER, NO. 1721

For Spraying Small and Medium-Sized Orchards, etc.

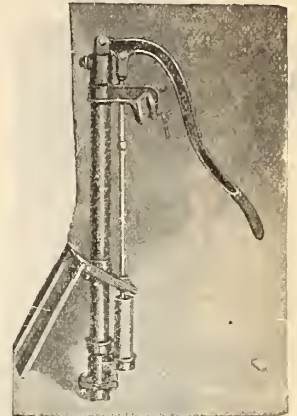
The "Peerless" has become a very popular sprayer. It ranks first among the medium priced barrel sprayers, and has been thoroughly tested out. Its rigidity during operation by anchor in bottom of barrel is a most desirable feature. It is a boon to the average farmer who is not engaged extensively in fruit growing. The "Peerless" is very compact, durable and efficient.

The "Peerless" barrel sprayer has one 12½ foot section of ½ inch hose, couplings, agitator and disc strainer, also Simplex Nozzle.

No. 1721—price complete \$18.25.

No. 4—With attachments complete \$15.50.

Direction for use furnished with each Sprayer. Special pump and sprayer catalog free on request.



Peerless No. 1721

THE CYCLONE SEEDER

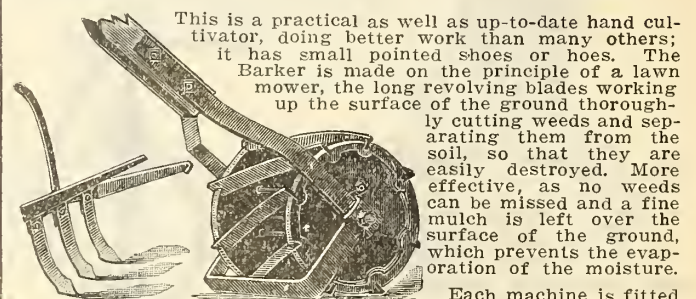
THE WORLD'S STANDARD SEED SOWER



CAN SOW Fifty acres in a ten-hour day—seeded evenly, thoroughly and easily. That's what you can do with a Cyclone Seeder. Use it with any seeds that can be sown broadcast or with ground bone, ashes or fertilizer—a Cyclone will pay for itself in three hour's work. Because its absolutely even distribution will make three bushels do the work of four. Each \$2.25; postpaid \$2.35.

THE SOWER THAT SATISFIES

Barker Weeder, Mulcher and Cultivator



This is a practical as well as up-to-date hand cultivator, doing better work than many others; it has small pointed shoes or hoes. The Barker is made on the principle of a lawn mower, the long revolving blades working up the surface of the ground thoroughly cutting weeds and separating them from the soil, so that they are easily destroyed. More effective, as no weeds can be missed and a fine mulch is left over the surface of the ground, which prevents the evaporation of the moisture.

Each machine is fitted with leaf guards and tooth attachments. The 8½ inch is for ordinary use. No. 8½ D. Complete with all attachments, 8½ inch.....\$10.50

GRANULATED PEAT

Granulated peat is wonderful for flower gardens, adds humus to the soil, will make the stems stronger, blooms deeper colors and foliage richer. Can be used as a top dressing or mulch, also sweetens and lightens the soil. Should be used in every garden.

5 lbs. \$.75.....postpaid \$.92
10 lbs. 1.45.....postpaid 1.72

Bales of about 130 lbs.—write for price.

State Nursery & Seed Co.
Helena, Mont.

Gentlemen:—We have always had wonderful success with your seeds and shall always recommend them. We had flowers long after others were frozen last year. The plants seem hardier than those obtained from seeds purchased from other places.

Mrs. T. V. Lonam,
1246 W. Silver, Butte, Mont.

TROWELS



No. 211—Forged Steel Garden Trowel, blade and shank are made of one piece of steel, being forged out in the same way as masons' brick trowels. A stout, strong trowel, suitable for the hardest work. Price, 6 inch blade each 70c, postpaid 78c.



No. 212—Solid Steel, Garden Trowel, made of one piece, heavy sheet steel, the shank and blade being one piece; a good strong trowel for family use; finely polished. Price 6 inch blades, each 50c, postpaid 57c.



No. 213—Made of cold rolled steel, bright blades, malleable iron shanks firmly riveted. The blades will not pull off the shanks. Price 5 inch blades, each 25c, postpaid 35c. Price 6 inch blades, each 30c, postpaid 40c.



No. 214—English pattern, extra heavy Garden Trowel; riveted by the new method with extra long rivets; blades finely polished; a very fine article. Price 6 inch blades, each 40c, postpaid 50c.



No. 216—Ladies Flower Trowel. Riveted by new method. Price 6 inch blade, 25c, postpaid 30c.



No. 217—Transplanting Trowel, the blade and shank of this trowel are made of one piece of heavy sheet steel. Excellent for lifting and setting out plants and seedlings. Price 5 inch blade, 25c, postpaid 30c. Price 6 inch blade, 30c, postpaid 35c.



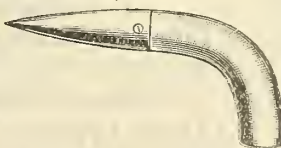
No. 114—Zenith. Highest grade crucible steel, polished and etched, full taper ground, flexible point, beechwood handle with steel ferrule. Extensively used by market gardeners. Will not clog. Price 5 inch, each 80c, postpaid 88c.

No. 216A—Broad Bladed Bulb Trowel, each 55c, postpaid 60c.
No. 217A—Transplanting Hoe Trowel, 7 in. each 35c, postpaid 45c.
No. 2120—Long Handled Trowel. Each 40c, postpaid 50c.

DIBBLES

For Transplanting Vegetable Plants, etc.

DIBBLE—No. 219—Bent wood handle with iron point, usual size, handiest tool ever made for transplanting cabbage, etc. Each, 60c, postpaid 70c.



DIBBLE—No. 220—Iron Dibble. Price, each 65c, postpaid 75c.

GARDEN REELS

GARDEN REELS—For using with a garden line; very handy tool. Each 65c, postpaid 75c.

WEEDERS

GARDEN WEEDER WITH RAKE—A short-handled tool, very handy for flower garden. Each 45c, postpaid 55c.

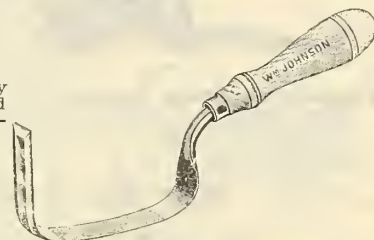


LANG'S HAND WEEDER
HANDIEST TOOL ON EARTH.



LANG'S HAND WEEDER—One of the handiest tools yet devised for weeding and thinning out. Each 25c, postpaid 30c.

IDEAL WEEDER—A very popular style of hand weeder. Each 55c, postpaid 62c.



EXCELSIOR WEEDER—A very useful tool for weeding seed beds. For stirring the ground, etc. no one should be without one. Each 20c, postpaid 25c.



MAGIC WEEDER—A very handy tool for use among flowers and small vegetables. Destroys the weeds and leaves the earth about the roots themselves. Price 55c, postpaid 62c.



SUPERIOR WEEDING HOE—3 in. cut, 11 in. handle. Very useful article for the garden. Each 65c, postpaid 72c.

WEEDING FORKS

GARDEN WEEDING FORK NO. 30—3 tine, malleable, each 15c, postpaid 20c.



No. 300

GARDEN WEEDING FORK No. 300—3 tine, very strong, useful tool. Each 50c, postpaid 55c.



GARDEN WEEDING FORK No. 400—4 tine, short handled, very strong, useful tool. Each 35c, postpaid 42c.



ASPARAGUS KNIFE—(American)—This Asparagus knife is made of the best steel, cutting edges are hardened and tempered to stand rough usage. Used also as digger and weeder for long top-rooted weeds such as dandelions. Each 50c, postpaid 60c.

HOT BED OR MUSHROOM BED THERMOMETER

Brass tipped point encloses the temperature bulb. It is simply thrust into the soil or bed. Price, \$3.10, postpaid.

OUT OF SIGHT MOLE TRAP

Claimed to be the best mole trap ever offered, and only has to be tried to be appreciated. Price \$1.00 postpaid.

GRASS SHEARS



GRASS SHEARS—Superior—A good article at a low price per pair 60c, postpaid 70c.

GRASS SHEARS—(Hartford)—Tool steel, the best that money

can buy; per pair 75c, postpaid 85c.

PRUNING SHEARS



HARTFORD PRUNING SHEAR No. 485A4—Polished steel blades. Double brass flat springs. The best for vineyard and other pruning. Very strong. 9 inch. Price \$2.50, postpaid \$2.60.



SUPERIOR PRUNING SHEAR No. 485B4—Malleable iron handle, polished steel blade with blued steel volute spring, 9 inch. Price \$1.50, postpaid \$1.70.

LADIE'S PRUNING SHEARS No. 485D—Used extensively as ladies pruning or flower shears 6½ inch nickle plated. Similar to "Superior." Price \$2.00, postpaid \$2.15.

"McKENNEY" HAND PRUNERS

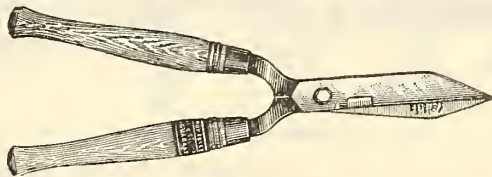
The World's Best Tree Pruner

The most powerful pruner made. The only pruning shears made that cuts from both sides of the limb, and will not injure the bark. It has two cutting blades drop forged from tool steel. The handles are of steel and the hand grip designed so that it may be carried on the belt. Can also be used for dehorning young cattle. The best and strongest pruner made.

In Three Sizes

No. 0—Cuts limb ½ inch in diameter, 15 in. \$3.85, postpaid \$4.00
No. 1—Cuts limb 1 inch in diameter, 23 in. \$4.85, postpaid \$5.10
No. 2—Cuts limb 1½ inch in diameter, 30 in. \$6.25, postpaid \$6.50

HEDGE SHEARS



HEDGE SHEARS—ZENITH—Useful in trimming shrubs, small bushes and trees; also preferred by many for edging lawns and beds. Blades are polished solid cast steel.

No. 485M—8 inch blade, per pair, \$3.00, postpaid \$3.25.

No. 485N—9 inch blade, per pair, \$3.25, postpaid \$3.50.

WATERS TREE PRUNERS



The best pruner on the market. Cuts limbs up to ¾ in. in diameter. The spring on handle resets the cutting blade.

Prices
6 ft.\$2.50
8 ft.\$2.75
10 ft.\$3.00
12 ft.\$3.25

Tree pruners can not be sent by parcel post.



Little Giant Grass Hook

LITTLE GIANT GRASS HOOK

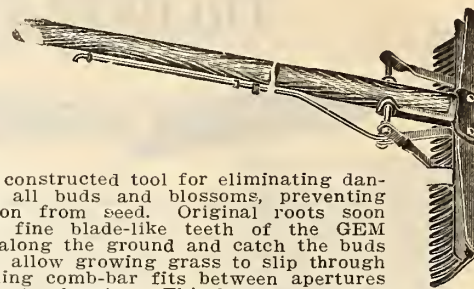
Is a miniature scythe and cuts like a scythe. Very handy for cutting grass, etc. A very useful article. 12 in. blade. Price80c postpaid 90c

CULLING OR GRAPE SHEARS

The best fruit thinning shear made. Length 6½ inches. Polished blades. 75c, postpaid 80c.



GEM DANDELION RAKE



SELF CLEANING

A scientifically constructed tool for eliminating dandelions; cuts off all buds and blossoms, preventing further propagation from seed. Original roots soon starve out. The fine blade-like teeth of the GEM RAKE slide flat along the ground and catch the buds and blossoms, but allow growing grass to slip through easily. Self-cleaning comb-bar fits between apertures or teeth and prevents clogging. This bar is connected to a rod on the handle and combs teeth clean at a slight pull on the finger hook. A stiff spring sends the comb-bar back into original position when finger hook is released.

16 inch, medium size, each \$2.25, postpaid \$2.45.

24 inch large size, with leaf back, each \$3.00, postpaid \$3.25.

NEPONSET WATER-PROOF PAPER POTS

The unequaled paper pot for general transplanting young plants of all kinds. Light, strong, waterproof and inexpensive. Try them if you raise your own tomato and other vegetable plants.



	Postpaid	Postpaid per 1000	F. O. B. Helena
	per doz	per 100	per 100
2¼ inch.....	10c	14c	\$.65
2½ inch.....	15c	18c	.80
3 inch.....	20c	27c	1.25
3½ inch.....	22c	30c	1.40
4 inch.....	25c	35c	1.60
5 inch.....	35c	47c	2.50
6 inch.....	45c	57c	3.25
			3.55
			28.00

STANDARD FLOWER POTS

Inside Measurement	Approximate weight	F. O. B. Helena	Each	Doz.
2 inch.....	per dozen 3 lbs.....	\$.03		\$.30
2½ inch.....	" " 4 lbs.....	.04		.40
3 inch.....	" " 5 lbs.....	.05		.50
4 inch.....	" " 12 lbs.....	.06		.60
5 inch.....	" " 18 lbs.....	.09		.90
6 inch.....	" " 25 lbs.....	.15		1.50
7 inch.....	each 3½ lbs.....	.20		
8 inch.....	" 4½ lbs.....	.30		
9 inch.....	" 5½ lbs.....	.50		
10 inch.....	" 10½ lbs.....	.75		
12 inch.....	" 14½ lbs.....	1.20		

NOTICE—Add 25c to amount of order for packing charges. By express or freight only at Purchaser's Expense.

FLOWER POT SAUCERS

Inside Measurement	Approximate weight	F. O. B. Helena	Each	Doz.
4 inch.....	each 8 oz.....	\$.05		\$.50
5 inch.....	10 oz.....	.06		.65
6 inch.....	13 oz.....	.09		.85
7 inch.....	1½ lbs.....	.10		1.00
8 inch.....	1½ lbs.....	.12		1.30

NOTICE—Add 25c to amount of order for packing charges. By express or freight only at Purchaser's Expense.

PLANET JR. TOOLS

Why worry along with slow out-of-date implements. Planet Jr. Tools save time, lighten labor, and get bigger, better crops at less cost. Planet Jr. tools are far more economical—they do three to six times the work, and outlast several ordinary implements. **Fully guaranteed.** You are actually losing money whenever you cultivate without them. See Page 135.

Why Not Select a Present

From this book

Surely there is something listed here that would prove to be a practical and desirable present for your friends.

Let us offer some suggestions

Flowering bulbs, an assortment of seeds, plants, trees, garden hose, a garden tool, a planter, sprayer or duster, an incubator or brooder.

LOOK OVER THESE PAGES—YOU WILL FIND THE PROPER PRESENT

CUT WORM FOOD—Protects Tomatoes, Cabbage, Cucumbers

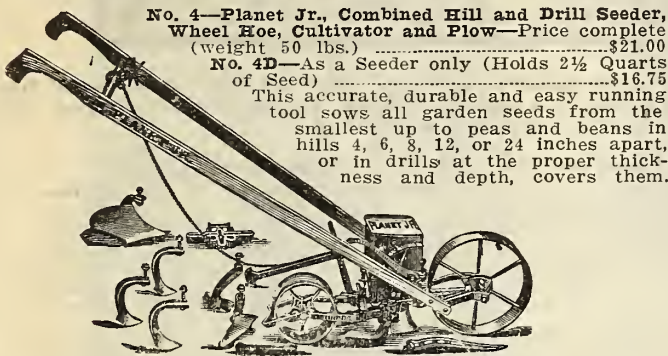
and other Plants. Easily applied. Inexpensive. See page 129.



Planet Jr. Garden Tools



The name "Planet Jr." has become synonymous with labor saving among gardeners and farmers everywhere and they instinctively want the implement that bears this trade mark. The times demand maximum production; and gardeners and farmers are on the alert for aid to get the biggest return from the soil for the least expenditure of time and effort.



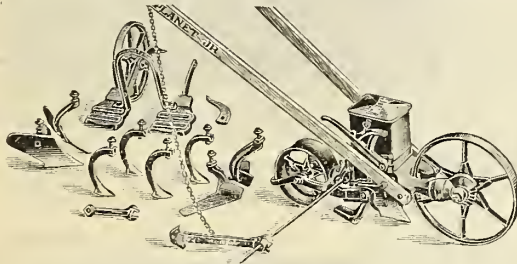
No. 4—Planet Jr., Combined Hill and Drill Seeder, Wheel Hoe, Cultivator and Plow—Price complete (weight 50 lbs.)\$21.00
No. 4D—As a Seeder only (Holds 2½ Quarts of Seed)\$16.75

This accurate, durable and easy running tool sows all garden seeds from the smallest up to peas and beans in hills 4, 6, 8, 12, or 24 inches apart, or in drills at the proper thickness and depth, covers them.

and marks out the next row all at one passage. No time is lost. No seed is wasted.

Planet Jr., No. 25—Combined Hill and Drill Seeder, Double and Single Wheel Hoe, Cultivator and Plow—Holds 2½ quarts weight complete 61 lbs. Price\$24.50

Equipment, one pair 6-inch Hoes, 4 Cultivator Teeth, one pair Plows, two Leaf Guards, one Marker. This is a tool for Market Gardeners or large family gardens, where both single and double wheel hoes can be used to advantage. The hopper will hold four pounds of Onion Seed.

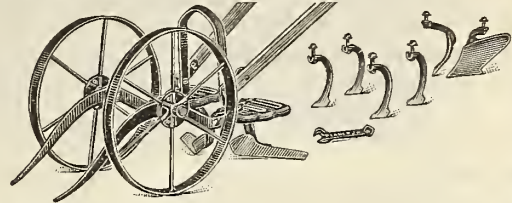


No. 35 Seeder Attachment—May be attached to any cultivator. Wheel Hoe or Garden Plow. Suitable for the small family garden. Will sow all garden seeds in drills at proper depth and thickness. Quickly and easily attached. Price\$6.50



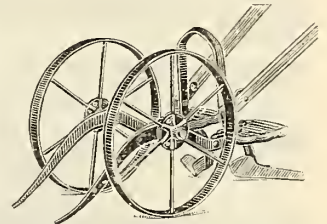
No. 18—Single Wheel Hoe\$7.50
Same as No. 17 except has one pair of 6-inch hoes only. Other attachments can be added as needed.

No. 12—Combined Double and Single Wheel Hoe, Cultivator and Plow—Weight 33 lbs. Price\$13.25
This tool has one pair plows, one pair hoes, four cultivator teeth and a pair of leaf lifters. The attachments sold with No. 12 are what gardeners use most.

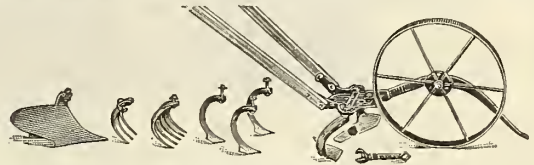


No. 13—Planet Jr., Double Wheel HoePrice \$9.75

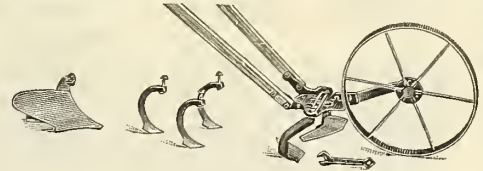
The greatest hand cultivating tool in the world for every grower of garden and market garden crops. They do more and do it better and easier than can possibly be done in any other way where rows are too close for horse work. Has 1 pair 6-inch hoes only. Useful throughout the season. Other attachments can be added. 28 lbs.



No. 16—Planet Jr. Single Wheel Hoe—Weight 26 lbs. Price \$11.50
These Single Wheel Hoes are the highest type of their class. They have a great variety of attachments which adapt them to a large variety of work, and there is scarcely any garden cultivation they will not do.



No. 17—Planet Jr., Single Wheel Hoe—Price\$9.50
You can do more and better hoeing with it in one day than you can do in three days with a hand hoe. The No. 17 has a pair of 6-inch hoes, a plow and a set of cultivator teeth; an outfit sufficient for most garden work.



NOTICE—If "Planet Jr. Cultivators are wanted by Parcel Post add postage—Postage Rates See Page 71.

CULTIVATING ATTACHMENTS FOR PLANET JR. TOOLS



Plow for Single Wheel Hoe

\$1.45, postpaid \$1.60



Plows for Double Wheel Hoe

\$1.55, postpaid \$1.75



Double Mouldboard Plow

Fits single Wheel hoe

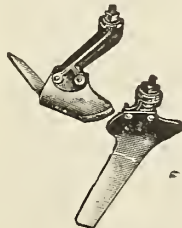
\$2.55, postpaid \$2.70



Cultivator Teeth

All Steel

Each 50c, postpaid 55c



S100 & S101 Hoes

Supersedes all others 6-inch

per pair \$1.45, postpaid \$1.60



5 Prong Cultivating Attachment

\$1.25, postpaid \$1.40



Three Prong Cultivator Teeth

per pair

\$1.90, postpaid \$2.10



Rakes

Excellent for Fine Cultivation.

5-tooth, per pair \$1.75, postpaid \$1.90
7-tooth, per pair \$2.50, postpaid \$2.75



Disc Hoes

per pair

\$3.75, postpaid \$4.00

NOTICE—IMPORTANT—When ordering extras, state number on the broken part, also number of machine. The new "PLANET JR." Catalog—Full of little points that bring profit. Full of true and handsome illustrations. Mailed Free on request.



The following books are a boon to the practical man who wishes to do better farming. They tell how the successful man gets the biggest yield from the soil; every page gives practical advice by a specialist, Sound, snappy and full of meat. No thinking farmer can be without these books. All books sent postpaid on receipt of price named.

VEGETABLE GARDENING

- Vegetable Gardening**—R. L. Watts. New revised Edition. It covers every phase of vegetable gardening and is invaluable as a handbook for practical growers \$2.50
- Vegetable Forcing**—R. L. Watts. Exceedingly valuable to all practical growers whether producing for commercial purposes or for the home table 2.50
- Mushroom Growing**—B. M. Duggar. The whole subject is treated in detail minutely and plainly, by a practical man 2.00
- Melon Culture**—J. Troop. This book is intended to be of service to the amateur as well as to the commercial grower90
- Peas and Pea Culture**—Glenn C. Sevey. Readers will find this book an authority on many of the details connected with the crop90
- The Potato**—S. Fraser. This is the most complete, reliable and authoritative book published on the subject 1.00
- Celery Culture**—W. R. Beattie. A practical guide for beginners and standard reference to those already negated in growing celery90
- Bean Culture**—Glenn C. Sevey. A practical treatise on the production and marketing of beans90
- Culinary Herbs**—M. G. Kains. The only book devoted to the flavoring plants of home and business gardens 1.00
- Asparagus**—F. M. Hexamer. A practical treatise on the best method of raising, cultivating, harvesting, marketing, forcing and canning asparagus90
- New Onion Culture**—T. Greiner. Growing onions of the largest size and yield on less land than can be raised on the old plan90
- Tomato Production**—P. Work (New). Facts and practices about the Tomato are here rounded up for every day use. Very complete and practical 1.25
- Cabbage, Cauliflower and Allied Vegetables**—C. L. Allen. This book treats on the requirements, conditions, cultivation and general management90

FRUIT GROWING

- Principles and Practice of Pruning**—M. G. Kains. Prepared to meet the needs of practical and amateur growers. Lavishly illustrated, showing ing good and bad practice 2.50
- American Fruits**—Samuel Fraser. This is a standard work and an authoritative guide. It outlines what to do and tells why and when. It is of equal value to the amateur as well as commercial fruit growers. No other book covers the subject as thoroughly and practically. 900 pages 6x8 inches. Illustrated 4.75
- American Apple Orchard**—F. A. Waugh. Every detail connected with the successful cultivation of the apple is thoroughly explained 1.75
- American Peach Orchard**—F. A. Waugh. This is the latest and best work on the culture of peaches. Contains full directions for propagation, culture, etc. 1.75

- Plant Propagation, Greenhouse and Nursery Practice**—M. G. Kains. A standard work for nurserymen. Containing directions for propagation of fruits, vegetables, plants, etc. Also chapters on germination, seed testing, grafting, budding, nursery management and the laws affecting nursery stock 2.25

- The Strawberry**—S. Fraser (New). Tells just what the grower needs to know. Conditions, methods and varieties. No matter where you live you can use this book to advantage. 1.25

FLOWERS, ETC.

- Bulbs and Tuberous Rooted Plants**—C. L. Allen. Full directions for the successful culture of bulbs in the garden, dwelling or greenhouse 2.00
- The Chrysanthemum**—A. Herrington. How to grow and excel in the production of perfect chrysanthemum flowers90
- Home Floriculture**—Eben E. Rexford. A guide to the treatment of flowering and other ornamental plants in the house and garden. For amateur floriculturists 1.75
- Roses and Their Culture**—S. C. Hubbard. (New) A treatise on the propagation, culture and history of the rose. No rose grower, either experienced or beginner, can afford to be without it 1.25
- Garden Guide**. A gem of Garden Literature covering all phases of the work from spading the ground to caring for the product. Paper covering 1.10
Cloth cover 1.50
- Practical Landscape Gardener**—H. Gridland. Shows how and where to plant your flowers, with plans, etc. 2.65
- Plant Culture**—Oliver and Hottes. Covers practically nearly all plants grown today in garden and greenhouses and thoroughly those grown for commercial purposes 3.65
- Milady's House Plants**—F. E. Palmer. How to care for most of the popular house plants, with advice on the best plants to grow indoors. Cloth 1.10
- A Little Book of Perennials**—A. C. Hottes. The general principles of growing, selecting and propagating perennials. Paper 1.10
Cloth 1.65
- A Little Book of Annuals**—A. C. Hottes. Written for the great throng of amateurs who grow flowers. Paper 1.10
Cloth 1.65
- A Little Book of Climbing Plants**—A. C. Hottes. A practical and valuable treatise on hardy climbers, annual climber, conservatory climbers and creepers, and ground covers, together with notes on pruning and training, propagation and general cultural information, copiously illustrated. 250 pages. Paper 1.35
Cloth 1.90
- A Little Book of Modern Dahlia Culture**—W. C. Waite. Treats on situation, soil type, cultivation and all the details of growing Dahlias, propagating them and enjoying them. Illustrations with two pages in full color. Cloth 1.65

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Showing Sweet Peas 8 feet in height in the Garden of Mrs. J. E. Ward, Townsend,
Our Sweet Peas cannot be surpassed



Entrance to Nursery at Street Car Terminal
Visitors are always welcome—come and get acquainted



A Hedge of Pink and White Cosmos
Helena Ave., Helena

Cosmos is a rapid grower and produces flowers on long stems—also fine for cut flowers.



Mallow in our Trial Grounds

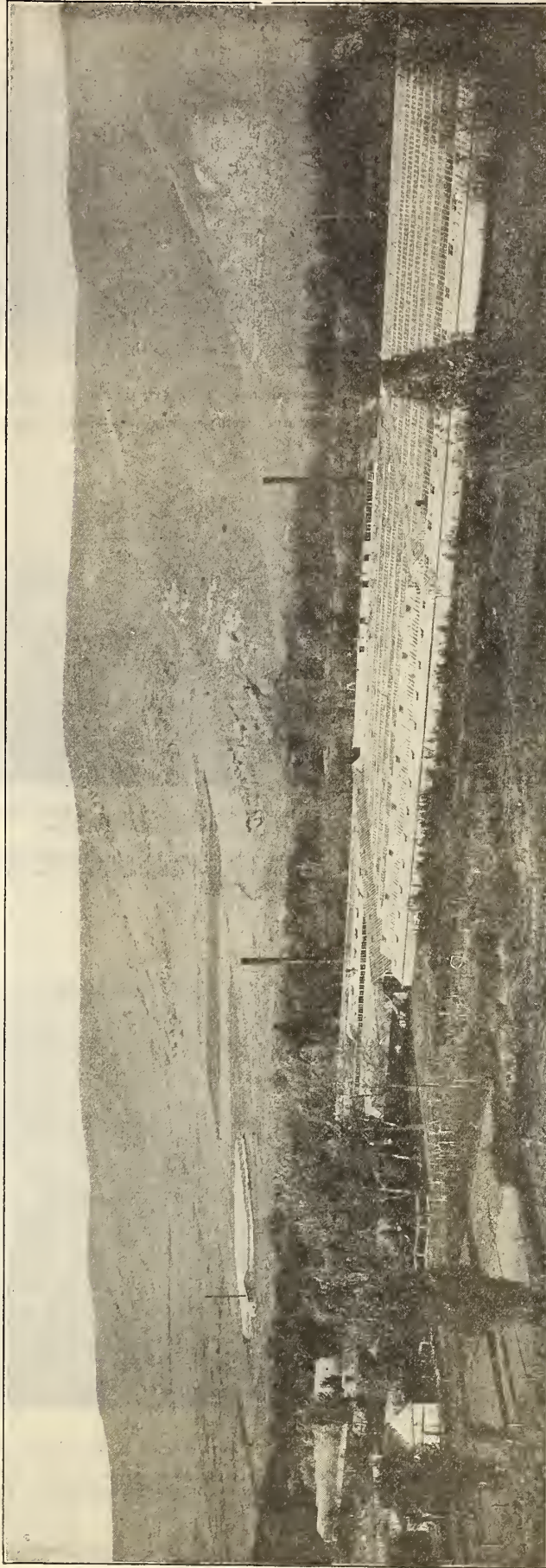
Blooms first year from seed. It is a very rapid grower and produces large leaves which furnish a rich setting for its masses of beautiful flowers.



One of Many Scenes in our Trial Grounds

Rows of Iceland and Shirley Poppies—two varieties, which for their showy and lasting qualities should grace every garden in the Northwest.

A Small Panoramic View of Our Nursery and Greenhouses

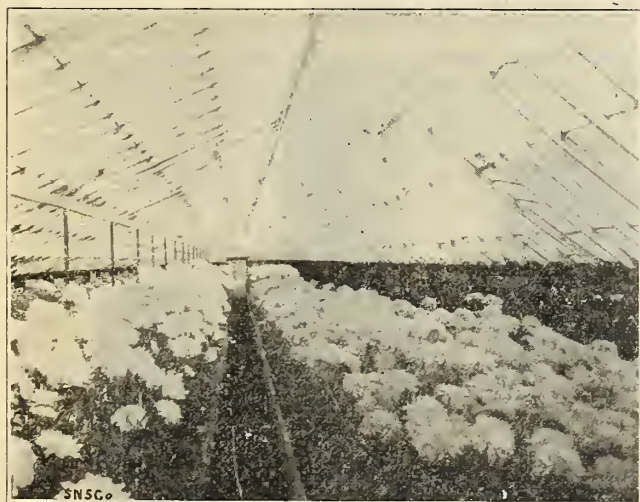


This picture gives an idea of the extent of our nurseries—located at the end of the Broadwater car line. The location is an ideal one for the production of the hardiest class of stock for this severe climate. It is located in the mouth of a canyon at the foot of the Eastern slope of the great Continental Divide, at an altitude of 4400 feet. There are 55 greenhouses—comprising a quarter of a million square feet of glass, devoted to the production of plants and cut flowers for this section of the country. The range of glass shown in the upper left of the cut consisting of 14 large greenhouses is devoted entirely to the production of carnations for cut flowers, about 50,000 plants are required to fill these houses. Each section of the greenhouses is in charge of an expert in his particular line—and he and his aids devote their entire energies—and knowledge—often the acquirements of a lifetime—to their own particular department. Many of these men have been with this firm for years, and thoroughly understand the requirements of our customers and patrons. Approximately 2000 tons of coal are required for heating purposes each winter, besides the using of natural hot water from springs located just above the nursery grounds.



A HOUSE OF FERNS—IN VARIETY

The above photograph is one of our houses of specimen ferns of several kinds. These plants are largely used for decoration purposes for social events of many kinds, weddings, receptions, balls, etc., etc. The combined effect of palms and ferns tastefully arranged and placed lends a finished air of distinction to any affair of this character.



The photograph to the left is one of the many houses of Chrysanthemums grown each season for cut flowers. In the fall when these wonderful plants are in full bloom, they attract large numbers of flower loving people to view them, and it is a trip well worth while. Many are the expressions of wonder at the gorgeous panorama, and the words of congratulation tendered.

The photograph to the right shows part of the trial grounds at our plant. Here, yearly, almost 1000 varieties of field and garden seeds are tested out and the results carefully checked up, under the conditions of Montana soil and climate. This is done at an altitude of some 4400 feet, right at the foot of the main range of the Great Continental Divide and is an advantage that is possessed by but few seed houses. The results of our tests are always at the disposal of our patrons.





A VIEW IN ONE OF OUR ROSE RANGES

The above photograph was taken in one of the houses devoted to the growing of roses for cut flowers. The view shows well the method of obtaining "long stemmed roses" where the individual flowering stem is trained to a wire stake, keeping it straight and uniform. We devote an entire range of glass to the production of these flowers and our capacity is often taxed beyond the possibility of supplying.



VIRGINIA CREEPER—ON PERGOLA—HILL PARK—HELENA, MONTANA

Without doubt the very best and most hardy variety of creeper for the Northwest. Ideal for covering fences, walls, trees, rocky slopes, etc. The Virginia Creeper produces masses of rich dark foliage, deeply cut which assumes brilliant shades of yellow, crimson and scarlet in the Fall.



THE CAPITOL and GROUNDS

HELENA, MONT.

This picture clearly demonstrates that our trees grow, and that our Lawn Grass Mixtures cannot be surpassed. Our Rocky Mountain Lawn Grass Mixture is the best that can be procured under any brand, at any price.

*Better and Quicker than ordinary Lime
Will not lose strength if kept in storage
for months*

The product "Elk Hydrates" is a modern and scientific one made by hydrating the finest grade of lump lime, put up in strong, durable, self-sealing paper bags.

Hydrated Lime is being adopted now exclusively in preference to common lime for all purposes where lime plays a part.

It is put up in self-sealing heavy fiber bags holding 50 lbs. of Elk Hydrates. Besides manufacturing Elk Hydrated Lime we are also furnishing, as before, Bulk Lime, Lime in Iron Containers and will make mixed shipments or straight carloads without extra charge. We are equipped to furnish ground lime for soil fertilizing, in any quantity.



Manufactured by
THE ELLISTON LIME CO.

Perfect to use for—

Water Clarifier, Disinfectant, Soil Improvement.

Hydrated Lime is excellent for—
Soil Sweetening, Whitewash, Henneries, Bordeaux Mixture, Sprays, Water Softener and Washing Compound for Household Uses.

and as a

Disinfectant and Deodorant

SACKS 10 lbs. NET 35c

Postpaid 2nd Zone 52c

Postpaid 3rd zone 65c

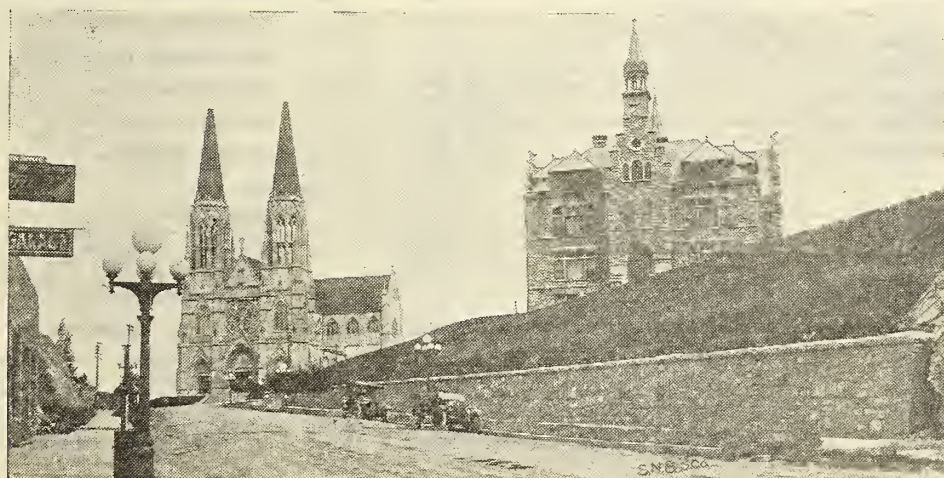
Postpaid 4th zone 84c

If wanted in larger quantities, write for prices

ST. HELENA CATHEDRAL and HELENA HIGH SCHOOL

Helena, Montana

The picture shows to perfection how well our Rocky Mountain Lawn Grass Mixture is suited for Terrace Planting. The Mixture forms a good turf that stands up well under hard usage.



GARDEN AIDS AND SUGGESTIONS

Containing a monthly calendar of operations and some useful tables, arranged to help the gardener or farmer in the sowing of seeds or setting out of plants from March to September.

March	April	May	June	July	August	September
Sow in Hotbed	Sow in Hotbed	In Open Ground	In Open Ground	In Open Ground	In Open Ground	In Open Ground
Early Beets	Cucumber	Artichoke	Beans, Lima and	Beans	Corn Salad	Lettuce
Brussels Sprouts	Eggplant	Asparagus	all other sorts	Beets	Endive	Winter Radish
Early Cabbage	Melon	Beans, Bush and	Beets	Carrot	Lettuce	Spinach
Forcing Carrot	Pepper	Running	Broccoli	Corn Salad	Welsh Onion	Turnip
Cauliflower	Tomato	Beets	Brussels Sprouts	Cress	Early Peas	Sweet Peas
Celery	In Open Ground	Brussels Sprouts	Late Cabbage	Cucumber	Radish	
Eggplant	Asparagus	Carrot	Carrot	Endive	Spinach	
Kohl Rabi	Beets	Cauliflower	Cauliflower	Kale	Turnip	
Lettuce	Brussels Sprouts	Celery	Sweet Corn	Kohl Rabi	Onion	
Parsley	Early Cabbage	Cress	Cress	Lettuce		
Pepper	Carrot	Cucumber	Cucumber	Early Peas		
Radish	Cauliflower	Kohl Rabi	Endive	Pumpkin		
Tomato	Celery	Leek	Kale	Radish		
Broccoli	Cress	Lettuce	Kohl Rabi	Spinach		
	Kohl Rabi	Melon	Lettuce	White Turnip		
	Lettuce	Onion	Nasturtium			
	Onion	Parsley	Early Peas			
	Parsley	Parsnip	Potatoes			
	Parsnip	Peas	Pumpkin			
	Peas	Potatoes	Radish			
	Potatoes	Radish	Salsify			
	Radish	Salsify	Spinach			
	Spinach	Spinach	Squash			
	Early Turnip	Early Turnip	Herbs			

When Buying
ALFALFA SEED
Be sure it is
MONTANA GROWN

For a Quick Growing, High Yielding, Early Maturing, White Milling Variety of Spring Wheat, SEE FEDERATION
THE WONDER WHEAT—PAGE 111

See
ROSA HUGONIS
Page 27
The
WONDER ROSE

AVERAGE TIME REQUIRED FOR GARDEN SEED TO GERMINATE

Beans	4 to 7 days	Endive	5 to 10 days	Pepper	9 to 14 days
Beet	7 to 10 days	Lettuce	4 to 8 days	Radish	3 to 6 days
Cabbage	4 to 7 days	Onion	7 to 10 days	Spinach	5 to 12 days
Carrot	10 to 15 days	Peas	5 to 8 days	Salsify	7 to 12 days
Cauliflower	5 to 10 days	Parsnip	10 to 20 days	Tomato	6 to 12 days
Corn	4 to 8 days	Parsley	15 to 21 days	Turnip	3 to 7 days
Cucumber	6 to 10 days				

QUANTITY OF SEED TO SOW A SINGLE ROW OF 100 YARDS

Asparagus	8 oz.	Cress	4 oz.	Parsley	2 oz.
Beans, Bush	3 qts.	Cucumber	4 oz.	Parsnip	3 oz.
Beans, Lima	3 pts.	Egg Plant	1 oz.	Peas	3 qts.
Beans, Pole	3 pts.	Endive	2 oz.	Pepper	1 oz.
Beet	5 oz.	Kohl Rabi	2 oz.	Pumpkin	2 oz.
Broccoli	1 oz.	Leek	2 oz.	Radish	6 oz.
Brussels Sprouts	1 oz.	Lettuce	2 oz.	Rhubarb	4 oz.
Cabbage	2 oz.	Melon, Musk	2 oz.	Salsify	4 oz.
Carrot	3 oz.	Melon, Water	3 oz.	Spinach	6 oz.
Cauliflower	2 oz.	Mustard	4 oz.	Squash	3 oz.
Celery	3 oz.	Onion (for large bulbs)	1 oz.	Tomato	1 oz.
Collards	3 oz.	Onion (for sets)	8 oz.	Turnip	3 oz.
Corn	1 pt.				

AVERAGE TIME REQUIRED FOR MATURITY OF DIFFERENT GARDEN CROPS
RECKONED FROM THE DAY OF PLANTING THE SEED

Beans, String	45 to 65 days	Corn	70 to 120 days	Radish	25 to 35 days
Beans, Shell	65 to 75 days	Egg Plant	135 to 150 days	Squash, Summer	60 to 65 days
Beet, Table	55 to 65 days	Lettuce, Heading	55 to 65 days	Squash, Winter	125 days
Beets, Stock	130 to 150 days	Melon, Water	125 to 140 days	Tomato	135 to 150 days
Cabbage, Early	90 to 105 days	Melon, Musk	120 to 140 days	Turnip	50 to 70 days
Cabbage, Late	125 to 150 days	Onion	130 to 150 days	Spinach, average time	30 to 60 days
Cauliflower	85 to 100 days	Pepper	130 to 140 days		

SEEDING TABLE

An acre contains 43,560 square feet

	Broadcast	Drilled		Broadcast	Drilled
ALFALFA —For hay crop, on irrigated land	15 lbs.	12 lbs.	BROME GRASS —(Bromus Inermis) for hay or pasture on irrigated land	20 lbs.	15 lbs.
ALFALFA —For hay crop on dry land	10 lbs.	8 lbs.	BROME GRASS —(Bromus Inermis) For hay or pasture on dry land	15 lbs.	12 lbs.
ALFALFA —For seed crop, on dry land or sub-irrigated	8 lbs.	6 lbs.	BLUE GRASS —For hay or pasture on irrigated land	25 lbs.	20 lbs.
ALFALFA —Pedigreed GRIMM, in rows 3 ft. apart to be cultivated		1 lb.	ORCHARD GRASS —For hay or pasture on irrigated land	25 lbs.	20 lbs.
CLOVER —Medium Red, for hay crop	12 lbs.	10 lbs.	RYE GRASS (perennial)—For hay or pasture on irrigated land	40 lbs.	30 lbs.
CLOVER —Sweet, for hay crop or to be plowed under for green manure	15 lbs.	12 lbs.	MILLET —German, Hungarian, Siberian or Hog, or hay crop	30 lbs.	25 lbs.
TIMOTHY —For hay or Seed Crop	10 lbs.	8 lbs.	MILLET —Japanese or Billion Dollar Grass, for hay crop	15 lbs.	10 lbs.
TIMOTHY AND ALSIKE CLOVER —for hay or pasture	10 lbs.	8 lbs.	SUDAN GRASS —	20 lbs.	1 ⁶ lbs.
RED TOP —For hay crop or pasture	10 lbs.	8 lbs.			

GRAIN

WHEAT —4 pecks—1 bu. or 60 lbs.	BARLEY —2 or 6 row—5 pecks—1 ¹ / ₄ bu. or 60 to 70 lbs.
OATS —4 to 5 pecks—1 bu. and 1 peck or 50 to 60 lbs.	BARLEY —(Hullless)—4 pecks—1 bu. or 60 lbs.
FLAX —16 to 30 lbs.	RYE —45 to 50 lbs. for grain; 50 to 60 lbs. for hay.
PEAS —per acre 90 to 120 lbs.	SPELTZ —4 pecks dry land—50 lbs. for grain.
BEANS —per acre drilled 20 to 30 lbs.	SPELTZ —5 pecks irrigated—60 lbs. for grain.
CORN —per acre drilled 15 lbs.	CORN —For fodder or Silo, 75 lbs.

NUMBER OF PLANTS PRODUCED FROM AN OUNCE OF SEED

Plants			
Asparagus	.....about 300	Kale	.....“ 2,000
Broccoli	.....“ 2,000	Leek	.....“ 1,000
Cabbage	.....“ 2,000	Lettuce	.....“ 3,000
Cauliflower	.....“ 2,000	Pepper	.....“ 2,000
Celery	.....“ 3,000	Tomato	.....“ 3,000
Egg Plant	.....“ 1,000	Sage	.....“ 1,000
Endive	.....“ 3,000	Thyme	.....“ 5,000

NUMBER OF PLANTS TO THE ACRE

Distance Apart	No. of Plants			
1 foot by 1 foot	43,560	3 feet by 3 feet	4,840	
1 ¹ / ₂ feet by 1 ¹ / ₂ feet	19,360	4 feet by 4 feet	2,722	
2 feet by 1 foot	21,780	5 feet by 4 feet	2,178	
2 feet by 2 feet	10,890	5 feet by 5 feet	1,742	
2 ¹ / ₂ feet by 2 ¹ / ₂ feet	6,969	6 feet by 6 feet	1,210	
3 feet by 2 feet	7,600	8 feet by 8 feet	680	

INDEX

	Page		Page		Page		Page		Page
Everbearing Rasp-berries	47	Collection of Zinnias	66	Matricaria	60	Broccoli	73	English Rye Grass	104
Everbearing Straw-berries	47	Columbine	55	Matthiola	60	Beets, Table	77	Feterita	109
Gooseberries	46	Coxcomb	55	Mexican Burning Bush	59	Beets, Sugar	78	Field Beans	109
Grapes	46	Convolvulus	55	Michaelmas Daisy	53	Beets, Feeding	78	Flax	109
Raspberries	47	Convolvulus—Japan-ese	59	Mignonette	59	Borecole	85	Kaffir Corn	109
Strawberries	47	Coreopsis	55	Moonpenny Daisy	55	Brussels Sprouts	79	Lentils	109
		Cornflower	54	Moon Flower	60	Cabbage	79-80	Meadow Fescue	104
		Cosmos	56	Morning Glory	55	Cauliflower	81	Meadow Mixture	106
		Cucumber, Wild	65	Mourning Bride	63	Carrots	81	Millet	107
		Cup and Saucer Vine	55	Musk Plant	60	Celery	82	Mixture for Pastures	106
		Cypress Vine	56	Myosotis	60	Celeriac	81	Montana Hardy Al-falfa	102
		Dahlia	8-9-56	Nasturtiums	60	Chard	79	Oats	111
		Daisy	10 & 56	Nemophila	60	Chervil	82	Orchard Grass	104
		Delphinium	56-57	Nicotiana	60	Chicory	79	Peas	106
		Dianthus	57	Nigella	61	Chinese Cabbage	80	Perennial Pasture	106
		Digitalis	57	Oenothera	61	Chives	82	Potatoes	117
		Dolichos	57	Oriental Poppies	62	Citron	88	Rape	109
		Echinocystis Lobata	65	Painted Daisies	55	City Garden Collec-tion	72	Red Top	104
		Eschscholtzia	57	Painted Lady	63	Corn, Sweet	83	Rye Grass	104
		Eutoca	57	Pansies	61	Corn Salad	82	Rye, Spring & Fall	112
		Evening Glory	59	Perennial Sweet Peas	70	Cress	82	Slender Wheat Grass	104
		Evening Primrose	61	Perennial Poppies	62	Cucumber	84	Sorghum	109
		Evening Scented Stock	60	Petunias	62	Dwarf Shell Beans	73	Soy or Soja Beans	107
		Everlasting Flowers	64	Phlox	61	Egg Plant	84	Speltz	113
		Everlasting Sweet Peas	70	Pincushion Flower	63	Endive	79 & 84	Sudan Grass	105
		Feverfew	60	Pinks	57	Garlic	84	Summer Pasture	106
		Flora's Paint Brush	54	Poppies	62	Gourds	58	Sunflower	109
		Flower Seed Collec-tion	72	Portulaca	63	Ground Cherry	98	Tall Meadow Oat Grass	104
		Floss Flower	52	Pot Marigold	54	Herbs	85	Tall Fescue	104
		Forget-Me-Not	60	Pyrethrum	59	Kale	85	Timothy	105
		Foxglove	57	Ragged Robin	59	Kohl Rabi	85	Timothy and Alsike	105
		Four O'Clock	58	Ricinus	54	Leek	85	Vetches	108
		French Marguerites	55	Salvia	63	Lentils	95	Wheat	111
		Fringe Flower	64	Salpiglossis	63	Lettuce	85 & 86		
		Gaillardia	58	Sand Verbena	52	Mangel Wurzel	73		
		Garden Collection	72	Santa Barbara Poppy	58	Melons, Musk	86-87-88		
		Geranium	58	Scabiosa	63	Melons, Water	88		
		Gilliflower	64	Scarlet Flax	59	Mustard	88		
		Globe Amaranth	58-64	Scarlet Runner Beans	54	Mushrooms	90		
		Godetia	58	Scarlet Sage	63	Okra	88		
		Gomphrena	58-64	Schizanthus	64	Onion Sets	90		
		Gourds	58	Sea Lavender	64	Onion Seed	89-90		
		Gypsophila	58-66	Shamrock	64	Oyster Plant	95		
		Hardy Perennial Seeds	66	Shasta Daisy	55	Parsley	90		
		Helichrysum	66	Shirley Poppies	62	Parsnip	90		
		Heliotrope	58	Snapdragon	52	Peas	91-92		
		Hesperis	65	Statice	64	Pepper	93		
		Hollyhock	58	Stocks	64	Potatoes	118		
		Humulus	59	Strawflowers	64	Pumpkin	93		
		Hunnemannia	58	Sunflower	64	Radish	94		
		Hyacinth Bean	57	Sun Plant	63	Rhubarb	95		
		Ice Plant	59	Swan River Daisy	54	Rutabaga	98		
		Iceland Poppies	62	Sweet Alyssum	52	Salsify	95		
		Ipomea	55-59	Sweet Peas	67-68-69-70	Seeds for Flavoring	95		
		Japanese Hop	59	Sweet Rocket	65	Spinach	95		
		Jerusalem Cross	59	Sweet William	65	Squash	96		
		Joseph's Coat	52	Sweet Woodruff	52	Swiss Chard	79		
		Kenilworth Ivy	59	Tassel Flower	54	Tobacco	95		
		Kochia	59	Thunbergia	65	Tomatoes	97-98		
		Kudzu Vine	59	Tobacco Plant	60	Turnips	98		
		Larkspur	56-57-59	Verbena	65	Vegetable Seed Col-lections	72		
		Lathyrus	70	Veronica	65	Winter Cauliflower	73		
		Lavatera	59	Virginia Stock	64	Witloof	79		
		Lavender	59	Wallflower	65				
		Lavendula	59	Whitlavia	65				
		Linum	59	Wild Cucumber	65				
		Lobelia	59	Wild Flower Garden	65				
		Love Grove	60	Wisteria	65				
		Love-in-a-Mist	60	Woelflower	55				
		Love-in-a-Puff	54	Xeranthemum	64				
		Lupins	59	Zinnia	66				
		Lychnis	59						
		Maltese Cross	59						
		Marigold	54-60						
		Marvel of Peru	58						

FOR DESCRIPTION—SEE PAGE 23

For Our up-to-date Collections of Spencer Sweet Peas—the largest and most beautiful shades known—
SEE PAGES 67 to 70

No Home Garden is complete without the most ideal flower of all—SPENCER SWEET PEAS
POULTRY SUPPLIES, FEEDS and REMEDIES—PAGES 120—126

STATE NURSERY & SEED CO.

Helena,
Montana



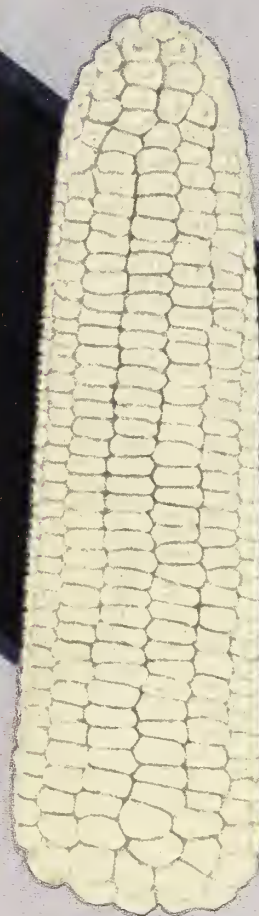
*Northwestern
Dent*



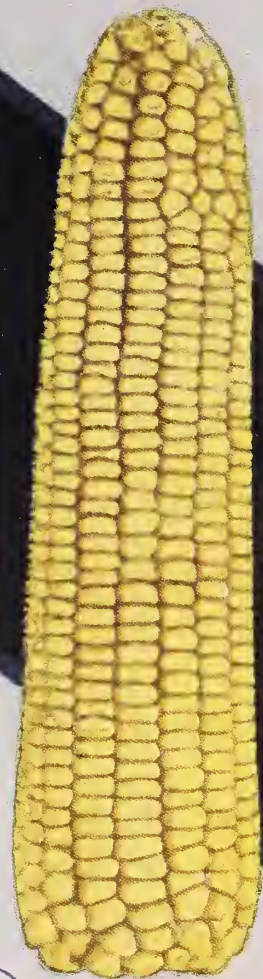
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White Flint*



*Gehu
Yellow Flint*



*Rustler
White Dent*



*Minnesota
Yellow Dent*

MONTANA GROWN SEED CORN

We are again featuring this page as the State Authorities consider them as being representative of the Standard types.

Thoroughly cured and tested for germination. From crops field inspected and approved by the County Agents working with the Montana Seed Growers Association.

Rustler White Dent is also known as Pioneer White Dent—the Yellow Dent as Minnesota No. 13.



FEDERATION WHEAT



Grown from
Certified Stock



GOVERNMENT Officials
inspecting our certified
Bliss Triumph

Bliss Early Triumph

STATE NURSERY & SEED CO.

HELENA, MONTANA